



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Number</b>                                 | ARP57691_P050-HRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Product Page</b>                                   | <a href="http://www.avivasysbio.com/plat-antibody-middle-region-hrp-arp57691-p050-hrp.html">www.avivasysbio.com/plat-antibody-middle-region-hrp-arp57691-p050-hrp.html</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Name</b>                                           | PLAT Antibody - middle region : HRP (ARP57691_P050-HRP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Size (# AA)</b>                            | 516 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Weight</b>                               | 53kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Conjugation</b>                                    | HRP: Horseradish Peroxidase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>NCBI Gene Id</b>                                   | 5327                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Host</b>                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Clonality</b>                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>                                  | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Full Name</b>                                 | Plasminogen activator, tissue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Alias Symbols</b>                                  | TPA, T-PA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Peptide Sequence</b>                               | Synthetic peptide located within the following region:<br><a href="#">TVILGRTYRVVPGEEEEQKFEVEKYIVHKEFDDDTYDNDIALQLKSDSSR</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Product Format</b>                                 | Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description of Target</b>                          | This gene encodes tissue-type plasminogen activator, a secreted serine protease which converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. Tissue-type plasminogen activator is synthesized as a single chain which is cleaved by plasmin to a two chain disulfide linked protein. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibrinolysis which can result in thrombosis or embolism. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. |
| <b>Protein Interactions</b>                           | PDGFC; POT1; TERF2; CKAP4; LRP1B; GRIN1; SERPING1; SERPINI1; SERPINA5; MAPK3; LAMA3; F10; PLAU; CLEC3B; SPARC; MAPK1; PLAT; SERPINE1; PLG; HMGB1; ANXA2; LAMA1; KRT8; FGA; CALR; LRP1; FN1; LAMA5; F2;                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution and Storage</b>                     | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.                                                                                                                                                                                                                                |
| <b>Datasheets/Manuals</b>                             | Printable datasheet for <a href="#">anti-PLAT (ARP57691_P050-HRP) antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Blocking Peptide</b>                               | For anti-PLAT (ARP57691_P050-HRP) antibody is <a href="#">Catalog# AAP57691</a> (Previous Catalog# AAPP42121)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                                      | The immunogen is a synthetic peptide directed towards the middle region of human PLAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Uniprot ID</b>                                     | <a href="#">P00750-3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Name</b>                                   | Tissue-type plasminogen activator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Accession #</b>                            | <a href="#">NP_127509</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purification</b>                                   | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Nucleotide Accession #</b>                         | <a href="#">NM_033011</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Symbol</b>                                    | <a href="#">PLAT</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Predicted Species Reactivity</b>                   | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Application</b>                                    | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Predicted Homology Based on Immunogen Sequence</b> | Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 82%; Rat: 100%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

**Image 1**



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Optimal conditions of its use should be determined by end users.

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