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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57691_P050-Biotin
Product Page	www.avivasysbio.com/plat-antibody-middle-region-biotin-arp57691-p050-biotin.html
Name	PLAT Antibody - middle region : Biotin (ARP57691_P050-Biotin)
Protein Size (# AA)	516 amino acids
Molecular Weight	53kDa
Conjugation	Biotin
NCBI Gene Id	5327
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Plasminogen activator, tissue
Alias Symbols	TPA, T-PA
Peptide Sequence	Synthetic peptide located within the following region: TVILGRITYRVVPGEEEEQKFEVEKYIVHKEFDDDTYDNDIALQLKSDSSR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	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;
Reconstitution and Storage	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.
Datasheets/Manuals	Printable datasheet for anti-PLAT (ARP57691_P050-Biotin) antibody
Blocking Peptide	For anti-PLAT (ARP57691_P050-Biotin) antibody is Catalog# AAP57691 (Previous Catalog# AAPP42121)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PLAT
Uniprot ID	P00750-3
Protein Name	Tissue-type plasminogen activator
Protein Accession #	NP_127509
Purification	Affinity Purified
Nucleotide Accession #	NM_033011
Gene Symbol	PLAT
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 82%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

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

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