



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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                                 | ARP58313_P050-HRP  |
| Product Page                                   | <a href="http://www.avivasysbio.com/pds5b-antibody-middle-region-hrp-arp58313-p050-hrp.html">www.avivasysbio.com/pds5b-antibody-middle-region-hrp-arp58313-p050-hrp.html</a>   |
| Name   | PDS5B Antibody - middle region : HRP (ARP58313_P050-HRP)   |
| Protein Size (# AA)                            | 1447 amino acids   |
| Molecular Weight                               | 159kDa   |
| Conjugation                                    | HRP: Horseradish Peroxidase  |
| NCBI Gene Id                                   | 23047  |
| Host   | Rabbit   |
| Clonality                                      | Polyclonal   |
| Concentration                                  | 0.5 mg/ml  |
| Gene Full Name                                 | PDS5, regulator of cohesion maintenance, homolog B (S. cerevisiae)   |
| Alias Symbols                                  | AS3, APRIN, CG008  |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">DEQWPEEKRLKEDILENEDEQNSPPKKGKRGRPPKPLGGGTPKKEEPTMK</a>   |
| Product Format                                 | Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.  |
| Reference                                      | Gregory,S.G., (2006) Nature 441 (7091), 315-321  |
| Description of Target                          | PDS5B plays a role in androgen-induced proliferative arrest in prostate cells. It is required for maintenance of sister chromatid cohesion during mitosis. Defects in PDS5B may be the cause of some cancers including esophageal cancer.  |
| Protein Interactions                           | UBC; EED; RNF2; CDCA5; LAMP2; APP; NSMCE2; SIRT7; RAD21; STAG2; STAG1; SMC3; SMC1A; SUMO1; WAPAL; WFDC5; PDS5A; tat;   |
| 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 <a href="#">anti-PDS5B (ARP58313_P050-HRP) antibody</a>  |
| Blocking Peptide                               | For anti-PDS5B (ARP58313_P050-HRP) antibody is <a href="#">Catalog # AAP58313</a> (Previous Catalog # AAPP32923)   |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human PDS5B   |
| Uniprot ID                                     | <a href="#">Q9NTI5</a>   |
| Protein Name                                   | Sister chromatid cohesion protein PDS5 homolog B   |
| Sample Type Confirmation                       | PDS5B is strongly supported by BioGPS gene expression data to be expressed in 721_B  |
| Protein Accession #                            | <a href="#">NP_055847</a>  |
| Purification                                   | Affinity Purified  |
| Nucleotide Accession #                         | <a href="#">NM_015032</a>  |
| Gene Symbol                                    | <a href="#">PDS5B</a>  |
| Predicted Species Reactivity                   | Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Zebrafish   |
| Application                                    | WB   |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%  |

**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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