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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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Product Number	ARP58313_P050-FITC
Product Page	www.avivasysbio.com/pds5b-antibody-middle-region-fitc-arp58313-p050-fitc.html
Name	PDS5B Antibody - middle region : FITC (ARP58313_P050-FITC)
Protein Size (# AA)	1447 amino acids
Molecular Weight	159kDa
Conjugation	FITC: Fluorescein Isothiocyanate
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: DEQWPEEKRLKEDILENEDEQNSPPKKGKRGRPPKPLGGGTPKEEPMK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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 anti-PDS5B (ARP58313_P050-FITC) antibody
Blocking Peptide	For anti-PDS5B (ARP58313_P050-FITC) antibody is Catalog # AAP58313 (Previous Catalog # AAPP32923)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PDS5B
Uniprot ID	Q9NTI5
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 #	NP_055847
Purification	Affinity Purified
Nucleotide Accession #	NM_015032
Gene Symbol	PDS5B
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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