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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	ARP56481_P050-Biotin
Product Page	www.avivasysbio.com/psmd10-antibody-n-terminal-region-biotin-arp56481-p050-biotin.html
Name	Psm10 Antibody - N-terminal region : Biotin (ARP56481_P050-Biotin)
Protein Size (# AA)	231 amino acids
Molecular Weight	25kDa
Subunit	10
Conjugation	Biotin
NCBI Gene Id	53380
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 10
Alias Symbols	gan, AW554874
Peptide Sequence	Synthetic peptide located within the following region: KERILADKSLATRTDQDSRTALHWACSAHGTEIVEFLQLGVPVNDKDDA
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Psm10 acts as a chaperone during the assembly of the 26S proteasome, specifically of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly, Psm10 is part of an intermediate PSMD10:PSMC4:PSMC5:PAAF1 module which probably assembles with a PSMD5:PSMC2:PSMC1:PSMD2 module. By similarity, Psm10 acts as an oncoprotein by being involved in negative regulation of tumor suppressors RB1 and p53/TP53. Overexpression of this gene is leading to phosphorylation of RB1 and proteasomal degradation of RB1. Psm10 regulates CDK4-mediated phosphorylation of RB1 by competing with CDKN2A for binding with CDK4.
Protein Interactions	Psmd4; Rb1; Cebpa; Cdk4;
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-Psm10 (ARP56481_P050-Biotin) antibody
Blocking Peptide	For anti-Psm10 (ARP56481_P050-Biotin) antibody is Catalog # AAP56481 (Previous Catalog # AAPP38936)
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Mouse
Uniprot ID	Q9Z2X2
Protein Name	26S proteasome non-ATPase regulatory subunit 10
Protein Accession #	NP_058579
Purification	Affinity Purified
Nucleotide Accession #	NM_016883
Gene Symbol	Psm10
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%

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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