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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	ARP59167_P050-HRP
Product Page	www.avivasysbio.com/psmf1-antibody-middle-region-hrp-arp59167-p050-hrp.html
Name	PSMF1 Antibody - middle region : HRP (ARP59167_P050-HRP)
Protein Size (# AA)	271 amino acids
Molecular Weight	30kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	9491
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Proteasome (prosome, macropain) inhibitor subunit 1 (PI31)
Alias Symbols	PI31
Peptide Sequence	Synthetic peptide located within the following region: DYIDAEHLGDFHRTYKNSFEELRSRIVSGIITPIHEQWEKANVSSPHREFP
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a protein that inhibits the activation of the proteasome by the 11S and 19S regulators. Alternative transcript variants have been identified for this gene.
Protein Interactions	FBXO7; SHFM1; UBC; BEND7; RHOXF2; KHDRBS3; PAK7; LDOC1; RBFOX2; PSMA7; DVL3; RALYL; RBFOX1; QKI; CD2BP2; CUL1; PSMA2; MIEF2; CCDC85B; RNF126; PDLIM7; HOOK2; NUDT21; CTBP2; TRAF2; MAGEA11; RBMX;
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-PSMF1 (ARP59167_P050-HRP) antibody
Blocking Peptide	For anti-PSMF1 (ARP59167_P050-HRP) antibody is Catalog# AAP59167 (Previous Catalog# AAPP45136)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PSMF1
Uniprot ID	Q92530
Protein Name	Proteasome inhibitor PI31 subunit
Protein Accession #	NP_006805
Purification	Affinity Purified
Nucleotide Accession #	NM_006814
Gene Symbol	PSMF1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

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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