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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
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PSMB5 Antibody - middle region : Biotin (ARP56467_P050-Biotin)

Data Sheet

Product Number	ARP56467_P050-Biotin
Product Page	www.avivasysbio.com/psmb5-antibody-middle-region-biotin-arp56467-p050-biotin.html
Name	PSMB5 Antibody - middle region : Biotin (ARP56467_P050-Biotin)
Protein Size (# AA)	263 amino acids
Molecular Weight	28kDa
Subunit	beta type-5
Conjugation	Biotin
NCBI Gene Id	5693
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Proteasome (prosome, macropain) subunit, beta type, 5
Alias Symbols	X, MB1, LMPX
Peptide Sequence	Synthetic peptide located within the following region: IVAADSRATAGAYIASQTVKKVIEINPYLLGTMAGGAADCSFWERLLARQ
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Ewing,R.M., Mol. Syst. Biol. 3, 89 (2007)
Description of Target	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure 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. 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. PSMB5 is a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit in the proteasome. This catalytic subunit is not present in the immunoproteasome and is replaced by catalytic subunit 3i (proteasome beta 8 subunit).The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure 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. 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 member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit in the proteasome. This catalytic subunit is not present in the immunoproteasome and is replaced by catalytic subunit 3i (proteasome beta 8 subunit). Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	UBC; AURKA; PSMD14; BMI1; PSMG3; PSMB8; PSMB7; PSMB6; PYCRL; AP3M1; RPP38; PSMB4; PSMB3; PSMB2; PSMB1; PSMA7; PSMA6; PSMA5; PSMA4; PSMA3; PSMA1; KIF5B; EPB41L1; CAST; XRN1; CDK20; CDKL1; PSMA2; PARK2; BAG3; IQCB1; HSP90AB1; HSP90AA1; FN1; IKBKAP; PSMA8; P
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-PSMB5 (ARP56467_P050-Biotin) antibody
Blocking Peptide	For anti-PSMB5 (ARP56467_P050-Biotin) antibody is Catalog # AAP56467 (Previous Catalog # AAPP34702)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PSMB5
Uniprot ID	P28074

Protein Name	Proteasome subunit beta type-5
Sample Type Confirmation	PSMB5 is supported by BioGPS gene expression data to be expressed in MCF7
Protein Accession #	NP_002788
Purification	Affinity Purified
Nucleotide Accession #	NM_002797
Gene Symbol	PSMB5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, 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%; Yeast: 92%; Zebrafish: 100%
Image 1	

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

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