

Rabbit PSMD10 Polyclonal Antibody | anti-PSMD10 antibody

PSMD10 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289000	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	ELISA, Western Blot

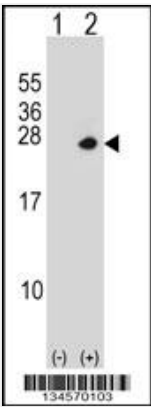
PRODUCT SYNONYMS

PSMD10; Polyclonal Antibody; PSMD10 Antibody (C-term); 26S proteasome non-ATPase regulatory subunit 10; 26S proteasome regulatory subunit p28; Gankyrin; p28(GANK); anti-PSMD10 antibody

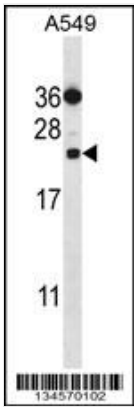
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PSMD10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 184-213 amino acids from the C-terminal region of human PSMD10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	184-213
Sequence Length	151
Applicable Applications for anti-PSMD10 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of PSMD10 (arrow) using rabbit polyclonal PSMD10 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PSMD10 gene.



WB (Western Blot)
PSMD10 Antibody (C-term) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the PSMD10 antibody detected the PSMD10 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD10 antibody	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 non-ATPase subunit of the 19S regulator. Two transcripts encoding different isoforms have been described. Pseudogenes have been identified on chromosomes 3 and 20.
Product Categories/Family for anti-PSMD10 antibody	Cancer; Cell biology
References	Meng, Y., et al. Cancer Lett. 297(1):9-17(2010) Man, J.H., et al. J. Clin. Invest. 120(8):2829-2841(2010) Piton, A., et al. Mol. Psychiatry (2010) In press : Serquera, D., et al. Biophys. J. 98(7):1294-1301(2010) Tang, S., et al. Cancer Biol. Ther. 9(2):88-95(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506217
NCBI GeneID	5716
NCBI Accession #	NP_002805.1; NP_736606.1
NCBI GenBank Nucleotide #	NM_002814.3
UniProt Accession #	O75832; Q5U0B2; Q8IZK9
Molecular Weight	24428
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 10 isoform 1
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 10

NCBI Official Symbol	PSMD10
NCBI Official Synonym Symbols	p28; p28(GANK); dJ889N15.2
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 10
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 10
UniProt Gene Name	PSMD10
UniProt Entry Name	PSD10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/psmd10-antibody-western-blot-elisa/289000>