

Rabbit PSMD13 Polyclonal Antibody | anti-PSMD13 antibody

PSMD13 Antibody

CATALOG # AAA327795	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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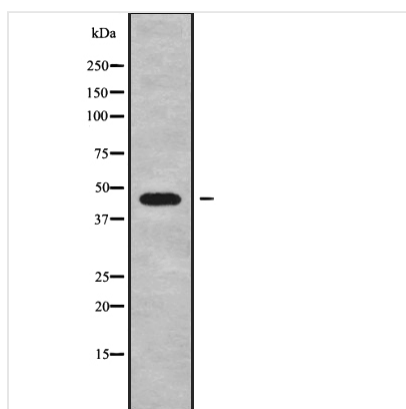
PRODUCT SYNONYMS

PSMD13; Polyclonal Antibody; PSMD13 Antibody; 26S proteasome non ATPase regulatory subunit 13; 26S proteasome non-ATPase regulatory subunit 13; 26S proteasome regulatory subunit p40.5; 26S proteasome regulatory subunit RPN9; 26S proteasome regulatory subunit S11; 26S proteasome subunit p40.5; HSPC027; P40.5; Proteasome (prosome; macropain) 26S subunit; non ATPase; 13; Proteasome 26S subunit; non-ATPase 13; PSD13_HUMAN; psmD13; Rpn9; S11; anti-PSMD13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PSMD13 antibody detects endogenous levels of total PSMD13
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	376
Applicable Applications for anti-PSMD13 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human PSMD13, corresponding to a region within the internal amino acids.
Similarity	Belongs to the proteasome subunit S11 family.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of PSMD13 using MCF7 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD13 antibody	Function: Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. Subunit Structure: Component of the 19S proteasome regulatory particle complex. The 26S proteasome consists of a 20S core particle (CP) and two 19S regulatory subunits (RP). The regulatory particle is made of a lid composed of 9 subunits including PSMD13, a base containing 6 ATPases and few additional components. Similarity: Belongs to the proteasome subunit S11 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157502193
NCBI GeneID	5719
NCBI Accession #	NP_002808.3
NCBI GenBank Nucleotide #	NM_002817.3
UniProt Accession #	Q9UNM6; O75831; Q53XU2; Q9UNV3; B3KT15
Molecular Weight	43 kDa
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 13 isoform 1
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 13
NCBI Official Symbol	PSMD13
NCBI Official Synonym Symbols	S11; Rpn9; p40.5; HSPC027
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 13
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 13
UniProt Gene Name	PSMD13

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.