

Rabbit PSMD6 Polyclonal Antibody | anti-PSMD6 antibody

PSMD6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325294	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

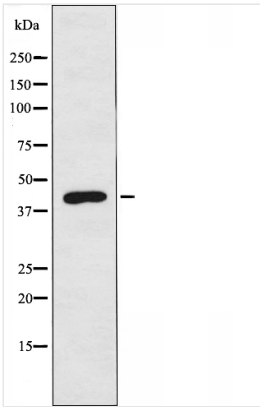
PRODUCT SYNONYMS

PSMD6; Polyclonal Antibody; PSMD6 Antibody; 26S proteasome non-ATPase regulatory subunit 6; 26S proteasome regulatory subunit RPN7; 26S proteasome regulatory subunit S10; Breast cancer-associated protein SGA-113M; KIAA0107; p42A; P44S10; PFAAP4; Phosphonoformate immuno-associated protein 4; Proteasome (prosome; macropain) 26S subunit; non-ATPase; 6; Proteasome regulatory particle subunit p44S10; PSMD6_HUMAN; Rpn7; S10; SGA-113M; anti-PSMD6 antibody

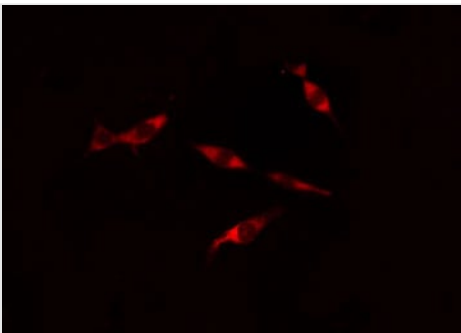
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PSMD6 antibody detects endogenous levels of total PSMD6
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	442
Applicable Applications for anti-PSMD6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using PSMD6 antibody.



IF (Immunofluorescence)
AAA325294 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD6 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 PSMD6, a base containing 6 ATPases and few additional components. Similarity: Belongs to the proteasome subunit S10 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	422398832
NCBI GeneID	9861
NCBI Accession #	NP_001258708.1
NCBI GenBank Nucleotide #	NM_001271779.1
UniProt Accession #	Q15008; Q6UV22; A8K2E0; E9PHI9
Molecular Weight	Observed: 45 kD Predicted: 46 kDa
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 6 isoform 1
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 6
NCBI Official Symbol	PSMD6
NCBI Official Synonym Symbols	S10; Rpn7; p42A; p44S10; SGA-113M
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 6
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 6
UniProt Gene Name	PSMD6
UniProt Synonym Gene Names	KIAA0107; PFAAP4

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.

