

Rabbit anti-Human, Mouse PSMD8 Polyclonal Antibody | anti-PSMD8 antibody

PSMD8 Polyclonal Antibody

CATALOG # AAA279748	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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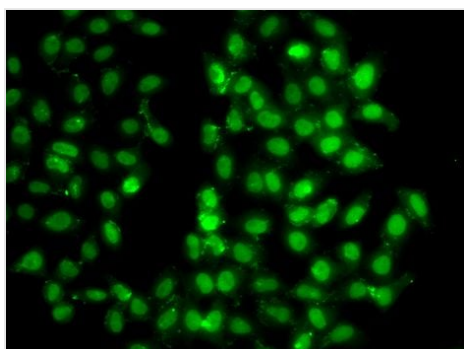
PRODUCT SYNONYMS

PSMD8; Polyclonal Antibody; PSMD8 Polyclonal Antibody; S14; p31; HIP6; HYPF; Nin1p; Rpn12; HEL-S-91n; anti-PSMD8 antibody

PRODUCT SPECIFICATIONS

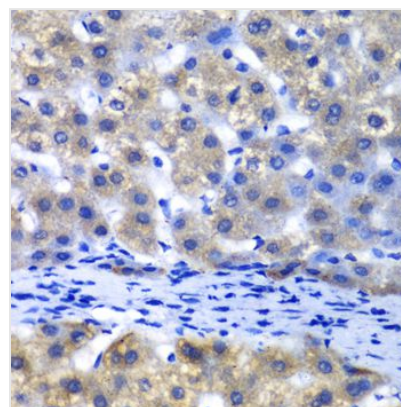
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	350
Applicable Applications for anti-PSMD8 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 101-350 of human PSMD8 (NP_002803.2)
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



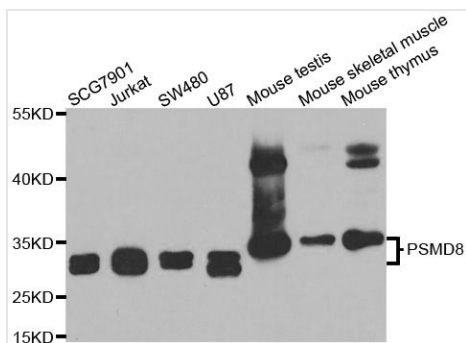
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PSMD8 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver injury using PSMD8 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMD8 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD8 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. A pseudogene has been identified on chromosome 1.
Product Categories/Family for anti-PSMD8 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	308153477
NCBI GeneID	5714
UniProt Accession #	P48556; Q6P1L7; B4DX18
Molecular Weight	350
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 8
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 8
NCBI Official Symbol	PSMD8
NCBI Official Synonym Symbols	S14; p31; HIP6; HYPF; Nin1p; Rpn12; HEL-S-91n
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 8; 26S proteasome regulatory subunit S14; 26S proteasome regulatory subunit p31; 26S proteasome regulatory subunit RPN12; epididymis secretory sperm binding protein Li 91n
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 8
UniProt Gene Name	PSMD8
UniProt Entry Name	PSMD8_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/psmd8-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279748>