

Rabbit PSMD13 Polyclonal Antibody | anti-PSMD13 antibody

PSMD13 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312864	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

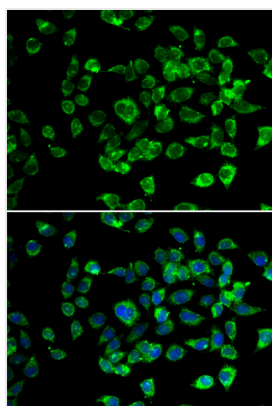
PRODUCT SYNONYMS

PSMD13; Polyclonal Antibody; PSMD13 Polyclonal Antibody; HSPC027; Rpn9; S11; p40.5; anti-PSMD13 antibody

PRODUCT SPECIFICATIONS

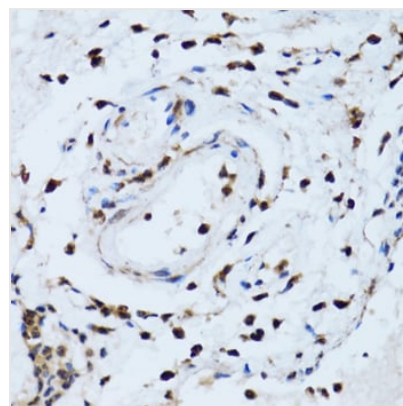
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 228% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.181
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PSMD13 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PSMD13 (NP_002808.3)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



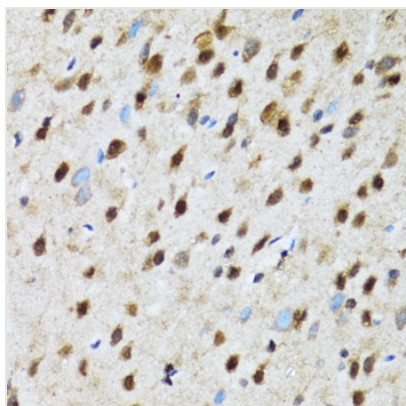
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PSMD13 antibody . Blue: DAPI for nuclear staining.



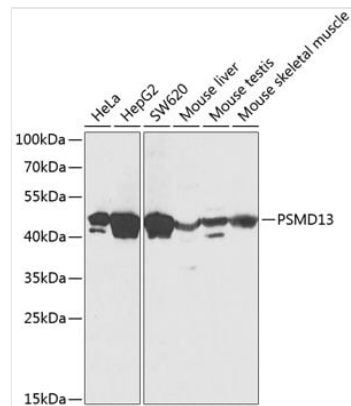
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using PSMD13 antibody at dilution of 1:100 .



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using PSMD13 antibody at dilution of 1:100.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMD13 Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD13 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.

Product Categories/Family for anti-PSMD13 antibody

Total protein Ab

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	42,945 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 13 isoform 1
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 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; 26S proteasome subunit p40.5; 26S proteasome regulatory subunit S11; 26S proteasome regulatory subunit RPN9; 26S proteasome regulatory subunit p40.5
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.