

Rabbit anti-Human PSMD2 Polyclonal Antibody | anti-PSMD2 antibody

PSMD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306794	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

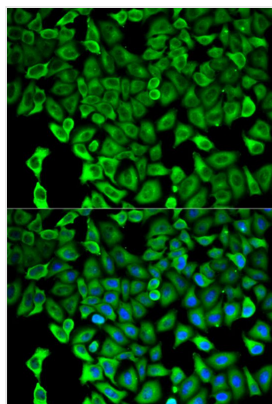
PRODUCT SYNONYMS

PSMD2; Polyclonal Antibody; PSMD2 Antibody; S2; P97; RPN1; TRAP2; anti-PSMD2 antibody

PRODUCT SPECIFICATIONS

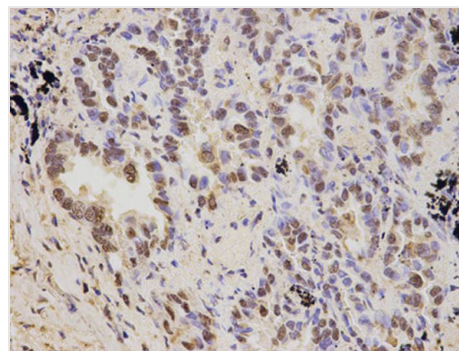
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PSMD2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	778
Applicable Applications for anti-PSMD2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PSMD2.
Target Name	PSMD2
Preparation and Storage	Store at -20 degree C

IMAGES



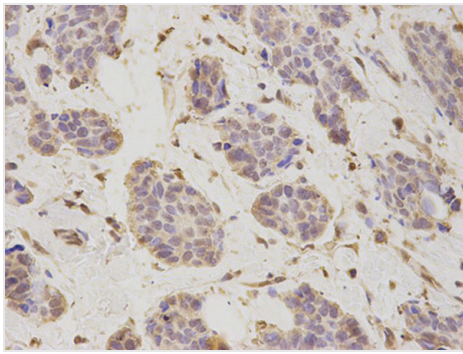
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using PSMD2 antibody. Blue: DAPI for nuclear staining.



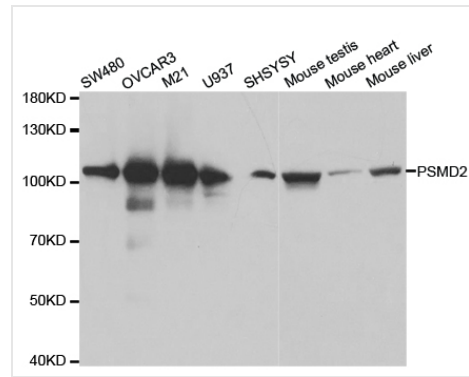
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer using PSMD2 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer using PSMD2 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMD2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD2 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 one of the non-ATPase subunits of the 19S regulator lid. In addition to participation in proteasome function, this subunit may also participate in the TNF signalling pathway since it interacts with the tumor necrosis factor type 1 receptor. A pseudogene has been identified on chromosome 1. Alternative splicing results in multiple transcript variants of this gene.

Product Categories/Family for anti-PSMD2 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	523425734
NCBI GeneID	5708
NCBI Accession #	NP_001265637.1
NCBI GenBank Nucleotide #	NM_001278708.1
UniProt Accession #	Q13200; Q12932; Q15321; Q53XQ4; Q96I12; B4DX07; B4DXY1; E7EW34; E9PCS3
Molecular Weight	85,606 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 2 isoform 2
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 2
NCBI Official Symbol	PSMD2
NCBI Official Synonym Symbols	S2; P97; RPN1; TRAP2
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 2
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 2
UniProt Gene Name	PSMD2
UniProt Synonym Gene Names	TRAP2
UniProt Entry Name	PSMD2_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/psmd2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306794>