

Rabbit PSMB2 Polyclonal Antibody | anti-PSMB2 antibody

PSMB2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288191	Rabbit	Human, mouse, rat	Western Blot, Immunohistochemistry, ELISA

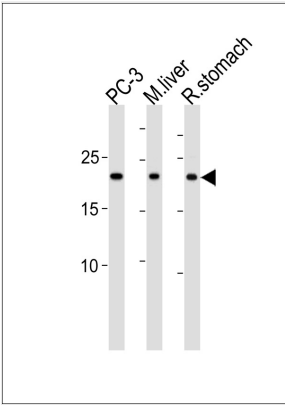
PRODUCT SYNONYMS

PSMB2; Polyclonal Antibody; PSMB2 Antibody (C-term); Proteasome subunit beta type-2; Macropain subunit C7-I; Multicatalytic endopeptidase complex subunit C7-I; Proteasome component C7-I; anti-PSMB2 antibody

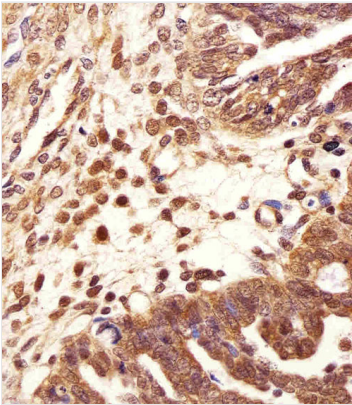
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PSMB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-163 amino acids from the C-terminal region of human PSMB2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	133-163
Sequence Length	201
Applicable Applications for anti-PSMB2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
PSMB2 Antibody (C-term) western blot analysis in PC-3 cell line,mouse liver and rat stomach tissue lysates (35ug/lane).This demonstrates the PSMB2 antibody detected the PSMB2 protein (arrow).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded H. ovarian carcinoma section using PSMB2 Antibody (C-term). AAA288191 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB2 antibody	The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This subunit has a trypsin-like activity.
Product Categories/Family for anti-PSMB2 antibody	Crown Antibodies; Cell Biology; Signal Transduction
References	Lubec G., et al. Submitted (MAR-2007) to UniProtKB. Rasmussen H.H., et al. Electrophoresis 13:960-969(1992). Kristensen P., et al. Biochem. Biophys. Res. Commun. 205:1785-1789(1994). Apcher G.S., et al. FEBS Lett. 553:200-204(2003). Nothwang H.G., et al. Biochim. Biophys. Acta 1219:361-368(1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506195
NCBI GeneID	5690
NCBI Accession #	NP_002785.1
NCBI GenBank Nucleotide #	NM_002794.4
UniProt Accession #	P49721; P31145; Q9BWZ9; D3DPS0
Molecular Weight	22836
NCBI Official Full Name	proteasome subunit beta type-2 isoform 1
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 2
NCBI Official Symbol	PSMB2
NCBI Official Synonym Symbols	HC7-I
NCBI Protein Information	proteasome subunit beta type-2
UniProt Protein Name	Proteasome subunit beta type-2
UniProt Gene Name	PSMB2
UniProt Entry Name	PSB2_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/psmb2-antibody-western-blot-immunohistochemistry-elisa/288191>