

Rabbit PSMB2 Polyclonal Antibody | anti-PSMB2 antibody

PSMB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327066	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

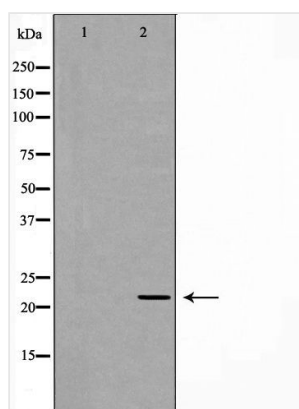
PRODUCT SYNONYMS

PSMB2; Polyclonal Antibody; PSMB2 Antibody; HC7 I; Macropain subunit C7 I; Macropain subunit C7-I; Multicatalytic endopeptidase complex subunit C7 1; Multicatalytic endopeptidase complex subunit C7 I; Multicatalytic endopeptidase complex subunit C7-I; Proteasome (prosome; macropain) subunit beta type 2; Proteasome beta 2 subunit; Proteasome component C7 I; Proteasome component C7-I; Proteasome subunit beta type-2; PSB2_HUMAN; Psm2; anti-PSMB2 antibody

PRODUCT SPECIFICATIONS

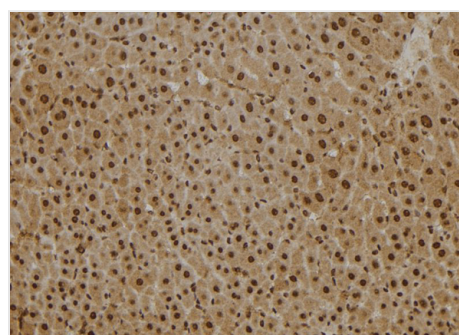
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PSMB2 antibody detects endogenous levels of total PSMB2
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	201
Applicable Applications for anti-PSMB2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PSMB2, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for up to 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of HeLa whole cell lysates, using PSMB2 Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA327066 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB2 antibody	Description: The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure 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. 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 member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
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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	22 kDa
NCBI Official Full Name	proteasome subunit beta type-2 isoform 1
NCBI Official Synonym Full Names	proteasome subunit beta 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

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://www.aaabiotech.com/polyclonal/psmb2-antibody-immunohistochemistry-western-blot-elisa/327066>