

Rabbit PSMB2 Polyclonal Antibody | anti-PSMB2 antibody

PSMB2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200602	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

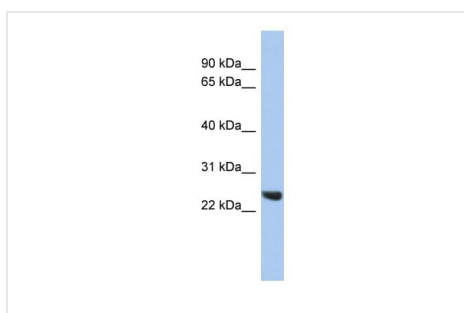
PRODUCT SYNONYMS

PSMB2; Polyclonal Antibody; PSMB2 antibody - middle region; anti-PSMB2 antibody

PRODUCT SPECIFICATIONS

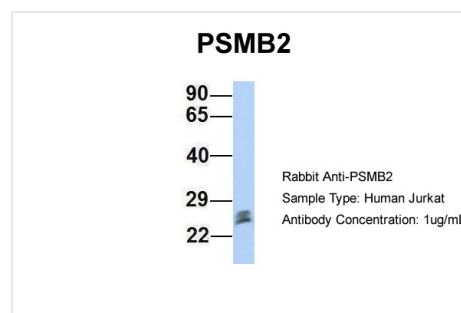
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LD RYYTPTISRE RAVELLRKCL EELQKRFILN LPTFSVRIID KNGIHDL
Sequence Length	201
Applicable Applications for anti-PSMB2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PSMB2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



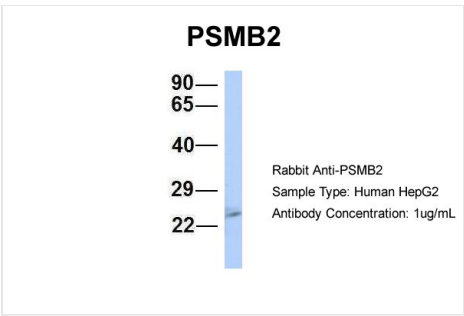
WB (Western Blot)

WB Suggested Anti-PSMB2 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:31250
 Positive Control: Hela cell lysate
 PSMB2 is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells



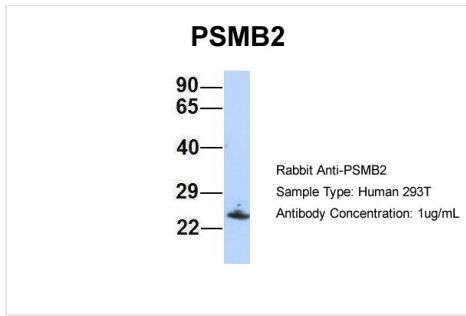
WB (Western Blot)

Host: Rabbit
 Target Name: PSMB2
 Sample Type: Jurkat
 Antibody Dilution: 1.0ug/mL
 PSMB2 is strongly supported by BioGPS gene expression data to be expressed in Jurkat



WB (Western Blot)

Host: RabbitTarget Name: PSMB2Sample Type: HepG2Antibody Dilution: 1.0ug/mlPSMB2 is supported by BioGPS gene expression data to be expressed in HepG2



WB (Western Blot)

Host: RabbitTarget Name: PSMB2Sample Type: 293TAntibody Dilution: 1.0ug/mlPSMB2 is supported by BioGPS gene expression data to be expressed in HEK293T

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB2 antibody	This is a rabbit polyclonal antibody against PSMB2. It was validated on Western Blot using a cell lysate as a positive control. Target 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. PSMB2 is a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-PSMB2 antibody	Polyclonal; Drugs and Drug Metabolism; Various; E3 & Ubiquitin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506195
NCBI GeneID	5690
NCBI Accession #	NP_002785
NCBI GenBank Nucleotide #	NM_002794
UniProt Accession #	P49721
Molecular Weight	23kDa
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://stage.aaabiotech.com/polyclonal/psmb2-antibody-western-blot-elisa/200602>