

Rabbit PSMB10 Polyclonal Antibody | anti-PSMB10 antibody

PSMB10 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174105	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PSMB10; Polyclonal Antibody; PSMB10 Polyclonal Antibody; beta2i; FLJ00366; LMP10; Low molecular mass protein 10; Macropain subunit MECL 1; Macropain subunit MECL-1; MECL1; MGC1665; Multicatalytic endopeptidase complex subunit MECL 1; Multicatalytic endopeptidase complex subunit MECL-1; OTTHUMP00000174858; Proteasome (prosome macropain) subunit beta type 10; Proteasome beta 10 subunit; Proteasome catalytic subunit 2i; Proteasome MECL 1; Proteasome MECL-1; Proteasome subunit beta 2i; Proteasome subunit beta 7i; Proteasome subunit beta type 10; Proteasome subunit beta type-10; Proteasome subunit beta-2i; Proteasome subunit MECL1; PSB10; PSMB 10; Psmb10; anti-PSMB10 antibody

PRODUCT SPECIFICATIONS

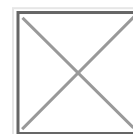
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	273
Applicable Applications for anti-PSMB10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PSMB10
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



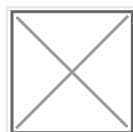
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using PSMB10 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using PSMB10 antibody.



WB (Western Blot)

Western blot analysis of extracts of THP-1 cells, using PSMB10 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB10 antibody	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. Proteolytic processing is required to generate a mature subunit. Expression of this gene is induced by gamma interferon, and this gene product replaces catalytic subunit 2 (proteasome beta 7 subunit) in the immunoproteasome.
Product Categories/Family for anti-PSMB10 antibody	Cancer; Cell Biology; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506191
NCBI GeneID	5699
NCBI Accession #	NP_002792.1
NCBI GenBank Nucleotide #	NM_002801.4
UniProt Accession #	P40306; Q5U098; B2R5J4
Molecular Weight	Calculated: 28kDa Observed: 29kDa
NCBI Official Full Name	proteasome subunit beta type-10
NCBI Official Synonym Full Names	proteasome subunit beta 10
NCBI Official Symbol	PSMB10
NCBI Official Synonym Symbols	LMP10; MECL1; beta2i
NCBI Protein Information	proteasome subunit beta type-10
UniProt Protein Name	Proteasome subunit beta type-10
UniProt Gene Name	PSMB10
UniProt Synonym Gene Names	LMP10; MECL1

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/psmb10-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/174105>