

Rabbit PSMB10 Polyclonal Antibody | anti-PSMB10 antibody

PSMB10 antibody

CATALOG # AAA308189	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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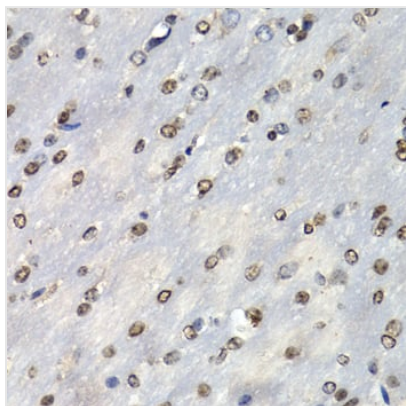
PRODUCT SYNONYMS

PSMB10; Polyclonal Antibody; PSMB10 antibody; LMP10; MECL1; beta2i; anti-PSMB10 antibody

PRODUCT SPECIFICATIONS

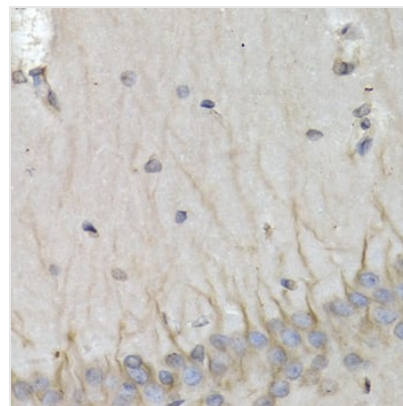
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PSMB10 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	273
Applicable Applications for anti-PSMB10 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PSMB10.
Target Name	PSMB10
Preparation and Storage	Store at -20 degree C

IMAGES



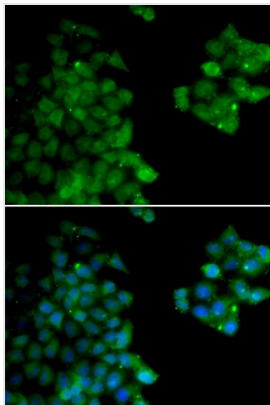
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using PSMB10 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using PSMB10 antibody at dilution of 1:200 (400x lens).



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using PSMB10 antibody. Blue: DAPI for nuclear staining.

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506191
NCBI GeneID	5699
NCBI Accession #	NP_002792.1
NCBI GenBank Nucleotide #	NM_002801.3
UniProt Accession #	P40306; Q5U098; B2R5J4
Molecular Weight	SDS-PAGE MW: 29kd
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
UniProt Entry Name	PSB10_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/psmb10-antibody-immunofluorescence-western-blot-elisa/308189>