

Rabbit PSMB8 Polyclonal Antibody | anti-PSMB8 antibody

PSMB8 Polyclonal Antibody

CATALOG # AAA170362	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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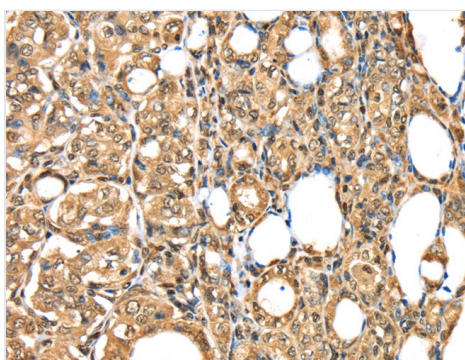
PRODUCT SYNONYMS

PSMB8; Polyclonal Antibody; PSMB8 Polyclonal Antibody; JMP; ALDD; LMP7; NKJO; D6S216; PSMB5i; RING10; D6S216E; anti-PSMB8 antibody

PRODUCT SPECIFICATIONS

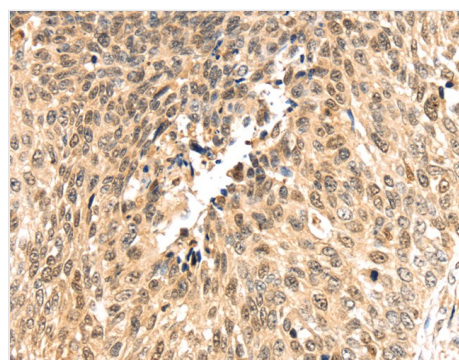
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2mg/mL (varies by lot)
Sequence Length	272
Applicable Applications for anti-PSMB8 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human PSMB8
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PSMB8 Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using PSMB8 Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB8 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. This gene is located in the class II region of the MHC (major histocompatibility complex). Expression of this gene is induced by gamma interferon and this gene product replaces catalytic subunit 3 (proteasome beta 5 subunit) in the immunoproteasome. Proteolytic processing is required to generate a mature subunit. Two alternative transcripts encoding two isoforms have been identified; both isoforms are processed to yield the same mature subunit.
Product Categories/Family for anti-PSMB8 antibody	Cell biology; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456283
NCBI GeneID	5696
UniProt Accession #	Q6FHU0; P28062
Molecular Weight	29,696 Da
NCBI Official Full Name	PSMB8, partial
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 8
NCBI Official Symbol	PSMB8
NCBI Official Synonym Symbols	JMP; ALDD; LMP7; NKJO; D6S216; PSMB5i; RING10; D6S216E
NCBI Protein Information	proteasome subunit beta type-8; large multifunctional peptidase 7; low molecular mass protein 7; low molecular weight protein 7; macropain subunit C13; multicatalytic endopeptidase complex subunit C13; protease component C13; proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7); proteasome catalytic subunit 3i; proteasome component C13; proteasome subunit Y2; proteasome subunit beta 5i; proteasome-related gene 7; really interesting new gene 10 protein
UniProt Protein Name	Proteasome subunit beta type
UniProt Gene Name	PSMB8
UniProt Entry Name	Q6FHU0_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://www.aaabiotech.com/polyclonal/psmb8-antibody-immunohistochemistry-elisa/170362>