

Rabbit PSMB8 Polyclonal Antibody | anti-PSMB8 antibody

PSMB8 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314029	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

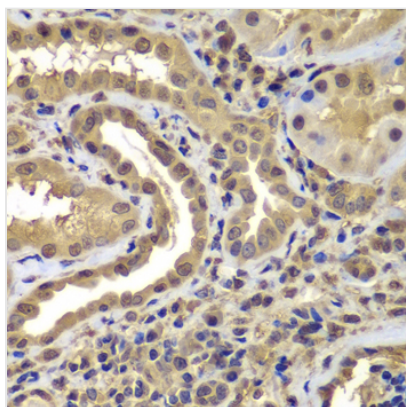
PRODUCT SYNONYMS

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

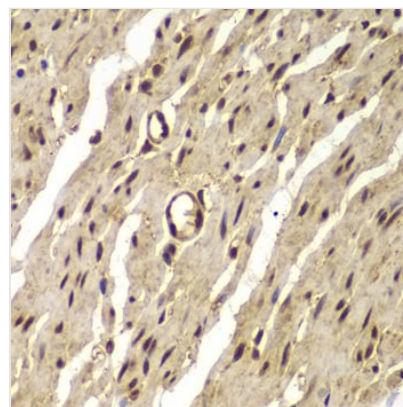
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PSMB8 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PSMB8 (NP_004150.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

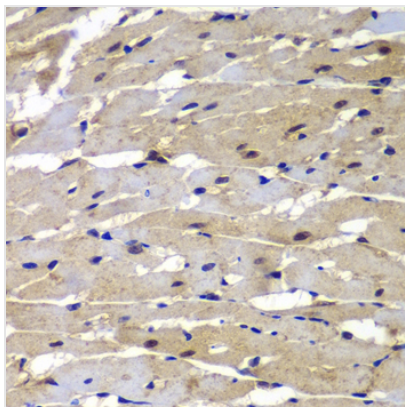
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using PSMB8 at dilution of 1:100 (40x lens).

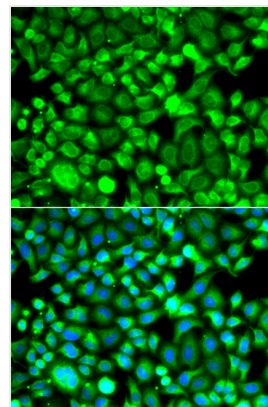

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using PSMB8 at dilution of 1:100 (40x lens).



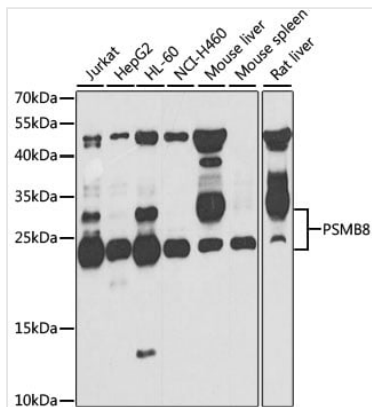
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using PSMB8 at dilution of 1:100 (40x lens).



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using PSMB8. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMB8 at 1:1000 dilution.

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

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	334302881
NCBI GeneID	5696
UniProt Accession #	P28062; Q29824; Q5JNW6; Q5QNR8; Q96J48; B0UZC0
Molecular Weight	276
NCBI Official Full Name	Proteasome subunit beta type-8
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; macropain subunit C13; proteasome subunit Y2; protease component C13; proteasome component C13; proteasome-related gene 7; proteasome subunit beta 5i; low molecular mass protein 7; low molecular weight protein 7; proteasome
UniProt Protein Name	Proteasome subunit beta type-8
UniProt Gene Name	PSMB8
UniProt Synonym Gene Names	LMP7; PSMB5i; RING10; Y2
UniProt Entry Name	PSB8_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/psmb8-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/314029>