

Rabbit anti-Human, Mouse PSMB5 Polyclonal Antibody | anti-PSMB5 antibody

PSMB5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232519	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

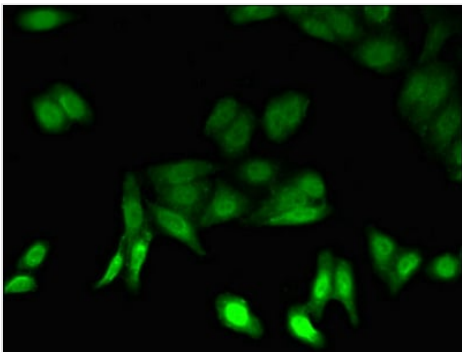
PRODUCT SYNONYMS

PSMB5; Polyclonal Antibody; PSMB5 Antibody; Proteasome subunit beta type-5 (EC 3.4.25.1) (Macropain epsilon chain) (Multicatalytic endopeptidase complex epsilon chain) (Proteasome chain 6) (Proteasome epsilon chain) (Proteasome subunit MB1) (Proteasome subunit X); LMPX MB1 X; anti-PSMB5 antibody

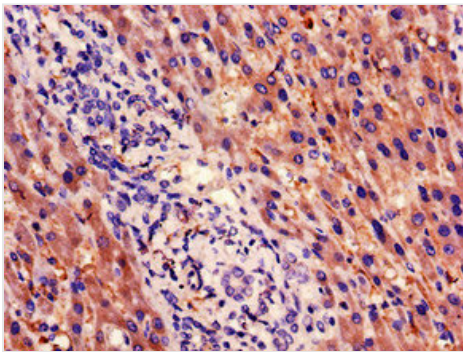
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-PSMB5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Proteasome subunit beta type-5 protein (106-188AA)
Species	Homo sapiens (Human)
Research Area	Cell Biology
Target Names	PSMB5
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-55009 / sc-55012
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

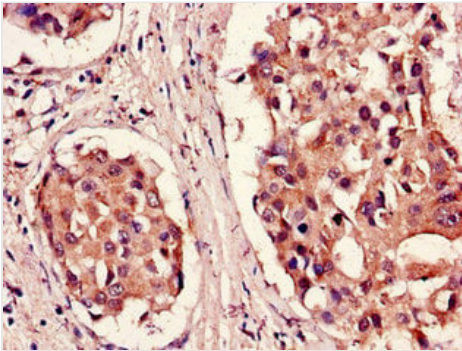
IMAGES



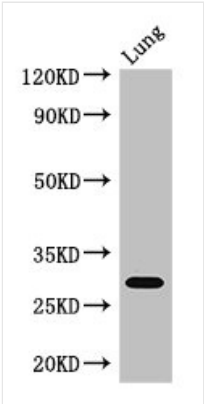
IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA232519 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA232519 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA232519 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in:Mouse lung tissueAll lanes: PSMB5 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 29,22,18 kDaObserved band size: 29 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB5 antibody	The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This unit is responsible of the chymotrypsin-like activity of the proteasome and is one of the principal target of the proteasome inhibitor bortezomib. May catalyze basal processing of intracellular antigens. Plays a role in the protection against oxidative damage through the Nrf2-ARE pathway (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	195539356
NCBI GeneID	5693
NCBI Accession #	NP_001124197.1
NCBI GenBank Nucleotide #	NM_001130725.1
UniProt Accession #	P28074; Q16242; Q6PEW2; Q7Z3B5; Q86T01; Q9TNN9; B2R4N9; B4DUM9; D3DS43; E9PAV2
NCBI Official Full Name	proteasome subunit beta type-5 isoform 2
NCBI Official Synonym Full Names	proteasome subunit beta 5
NCBI Official Symbol	PSMB5
NCBI Official Synonym Symbols	X; MB1; LMPX

NCBI Protein Information	proteasome subunit beta type-5
UniProt Protein Name	Proteasome subunit beta type-5
UniProt Gene Name	PSMB5
UniProt Synonym Gene Names	LMPX; MB1; X
UniProt Entry Name	PSB5_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/psmb5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232519>