

Rabbit PSMB5 Polyclonal Antibody | anti-PSMB5 antibody

Anti-PSMB5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261833	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

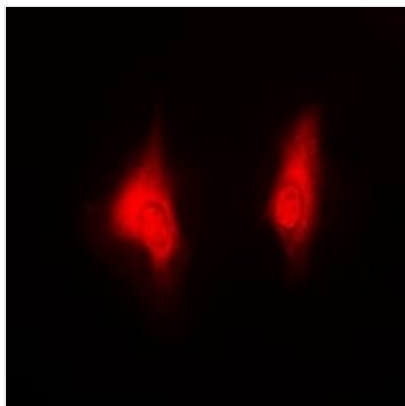
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

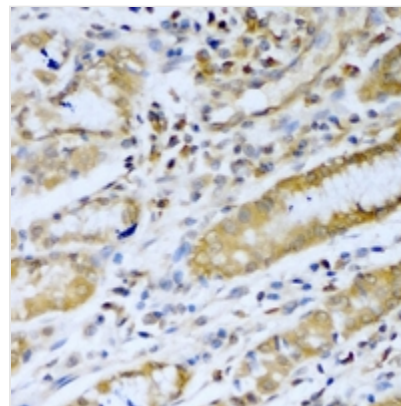
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PSMB5 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	160
Applicable Applications for anti-PSMB5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PSMB5
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



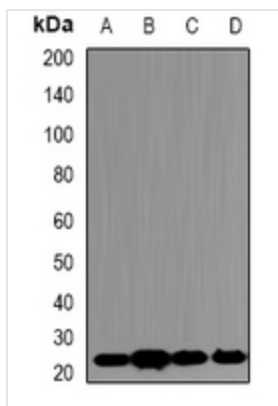
IF (Immunofluorescence)

Immunofluorescent analysis of PSMB5 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PSMB5 staining in human stomach formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PSMB5 expression in Jurkat (A), HepG2 (B), mouse brain (C), mouse kidney (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB5 antibody

Rabbit polyclonal antibody to PSMB5

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
Molecular Weight	17,782 Da
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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261833>