

Rabbit PSMB5 Polyclonal Antibody | anti-PSMB5 antibody

PSMB5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37467	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

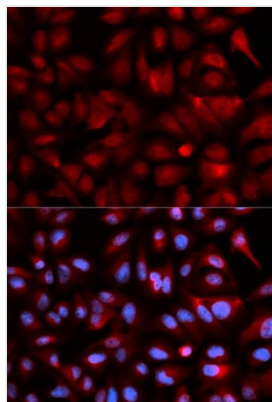
PRODUCT SYNONYMS

PSMB5; Polyclonal Antibody; PSMB5 Polyclonal Antibody; X; MB1; LMPX; anti-PSMB5 antibody

PRODUCT SPECIFICATIONS

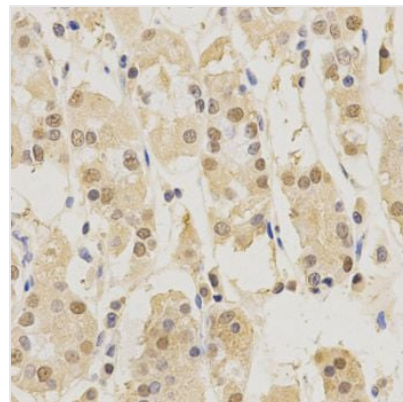
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Sequence Length	263
Applicable Applications for anti-PSMB5 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-263 of human PSMB5 (NP_002788.1).
Category	Primary antibody
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



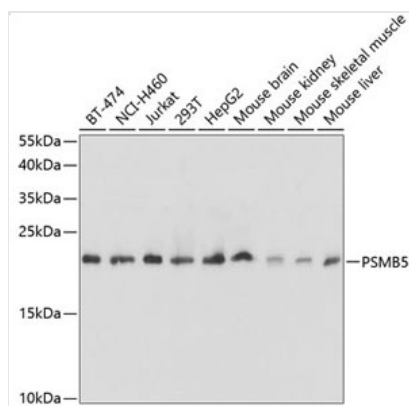
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PSMB5 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using PSMB5 antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMB5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB5 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 in the proteasome. This catalytic subunit is not present in the immunoproteasome and is replaced by catalytic subunit 3i (proteasome beta 8 subunit). Multiple transcript variants encoding different isoforms have been found for this gene.

Product Categories/Family for anti-PSMB5 antibody

Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	187608890
NCBI GeneID	5693
UniProt Accession #	P28074; Q16242; Q6PEW2; Q7Z3B5; Q86T01; Q9TNN9; B2R4N9; B4DUM9; D3DS43; E9PAV2
Molecular Weight	Calculated MW: 17kDa, 21kDa, 28kDa Observed MW: 21kDa
NCBI Official Full Name	Proteasome subunit beta type-5
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 5
NCBI Official Symbol	PSMB5
NCBI Official Synonym Symbols	X; MB1; LMPX
NCBI Protein Information	proteasome subunit beta type-5; proteasome chain 6; proteasome subunit X; proteasome subunit MB1; macropain epsilon chain; proteasome epsilon chain; proteasome beta 5 subunit; proteasome catalytic subunit 3; proteasome subunit, beta type, 5; PSX large multifunctional protease X; multicatalytic endopeptidase complex epsilon chain
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/psmb5-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/37467>