

Rabbit PSMB2 Polyclonal Antibody | anti-PSMB2 antibody

Rabbit anti-PSMB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222902	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PSMB2; Polyclonal Antibody; Rabbit anti-PSMB2 Antibody; Proteasome subunit beta type-2; Macropain subunit C7-I; Multicatalytic endopeptidase complex subunit C7-I; Proteasome component C7-I; anti-PSMB2 antibody

PRODUCT SPECIFICATIONS

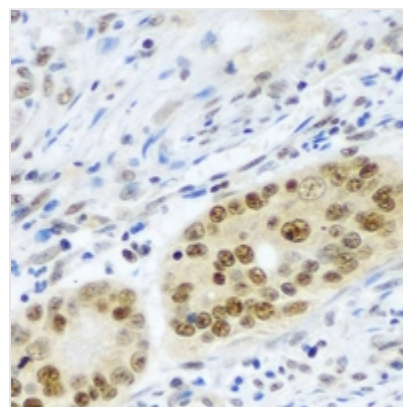
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PSMB2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PSMB2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



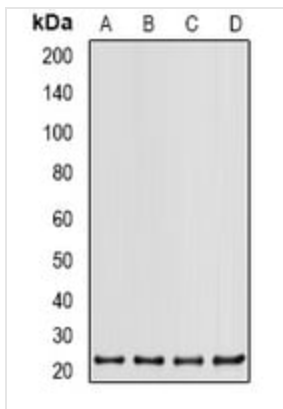
IF (Immunofluorescence)

Immunofluorescent analysis of PSMB2 staining in U2OS 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 PSMB2 staining in human colon cancer 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 PSMB2 expression in K562 (A), HT29 (B), HeLa (C), 22RV1 (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PSMB2 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506195
NCBI GeneID	5690
NCBI Accession #	NP_002785.1
NCBI GenBank Nucleotide #	NM_002794.4
UniProt Accession #	P49721; Q9R1P3; P40307
Molecular Weight	22,836 Da
NCBI Official Full Name	proteasome subunit beta type-2 isoform 1
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 2
NCBI Official Symbol	PSMB2
NCBI Official Synonym Symbols	HC7-I
NCBI Protein Information	proteasome subunit beta type-2; macropain subunit C7-I; multicatalytic endopeptidase complex subunit C7-1; multicatalytic endopeptidase complex subunit C7-I; proteasome beta 2 subunit; proteasome component C7-I; proteasome subunit, beta type, 2
UniProt Protein Name	Proteasome subunit beta type-2
UniProt Gene Name	PSMB2
UniProt Entry Name	PSB2_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/psmb2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222902>