

Rabbit PSMB2 Polyclonal Antibody | anti-PSMB2 antibody

PSMB2 Antibody

CATALOG # AAA307744	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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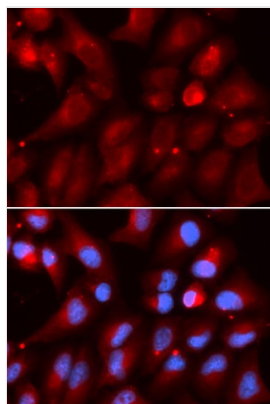
PRODUCT SYNONYMS

PSMB2; Polyclonal Antibody; PSMB2 Antibody; HC7-I; anti-PSMB2 antibody

PRODUCT SPECIFICATIONS

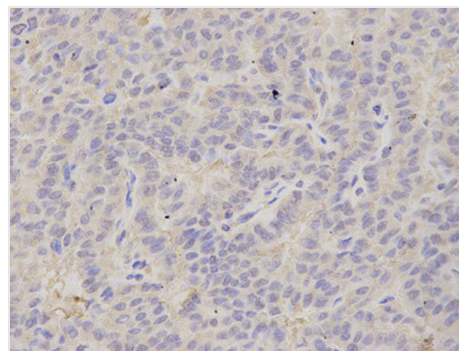
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PSMB2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	201
Applicable Applications for anti-PSMB2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PSMB2.
Target Name	PSMB2
Preparation and Storage	Store at -20 degree C

IMAGES



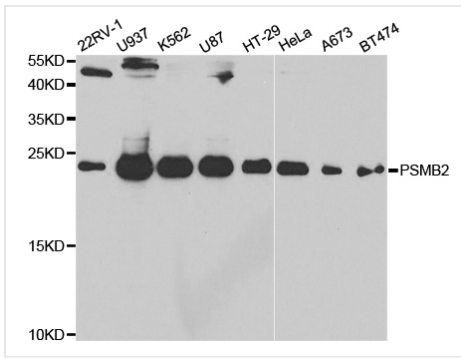
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PSMB2 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human thyroid cancer using PSMB2 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PSMB2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB2 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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Product Categories/Family for anti-PSMB2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506195
NCBI GeneID	5690
NCBI Accession #	NP_002785.1
NCBI GenBank Nucleotide #	NM_002794.4
UniProt Accession #	P49721; P31145; Q9BWZ9; D3DPS0
Molecular Weight	22,836 Da
NCBI Official Full Name	proteasome subunit beta type-2 isoform 1
NCBI Official Synonym Full Names	proteasome subunit beta 2
NCBI Official Symbol	PSMB2
NCBI Official Synonym Symbols	HC7-I
NCBI Protein Information	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.