

Rabbit PSMB4 Polyclonal Antibody | anti-PSMB4 antibody

PSMB4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166222	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

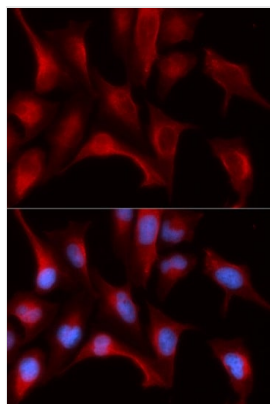
PRODUCT SYNONYMS

PSMB4; Polyclonal Antibody; PSMB4 Antibody; HN3; HsN3; PROS26; PROS-26; anti-PSMB4 antibody

PRODUCT SPECIFICATIONS

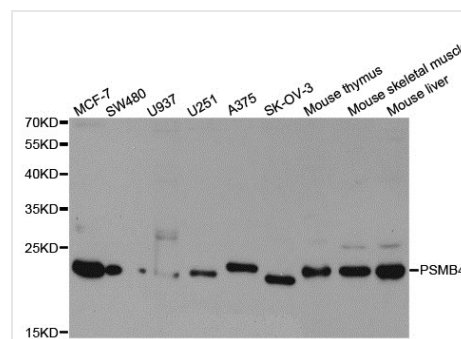
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	264
Applicable Applications for anti-PSMB4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PSMB4
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-74864
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PSMB4 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMB4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB4 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22538467
NCBI GeneID	5692
NCBI Accession #	NP_002787.2
NCBI GenBank Nucleotide #	NM_002796.2
Molecular Weight	29,204 Da
NCBI Official Full Name	proteasome subunit beta type-4
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 4
NCBI Official Symbol	PSMB4
NCBI Official Synonym Symbols	HN3; HsN3; PROS26; PROS-26
NCBI Protein Information	proteasome subunit beta type-4; 26 kDa prosomal protein; hsBPROS26; macropain beta chain; multicatalytic endopeptidase complex beta chain; proteasome beta chain; proteasome chain 3; proteasome subunit HsN3; proteasome subunit, beta type, 4
UniProt Protein Name	Proteasome subunit beta type-4
UniProt Gene Name	PSMB4
UniProt Synonym Gene Names	PROS26; HsBPROS26; PROS-26; HsN3
UniProt Entry Name	PSB4_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.