

Rabbit anti-Human PSMB11 Polyclonal Antibody | anti-PSMB11 antibody

PSMB11 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285849	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

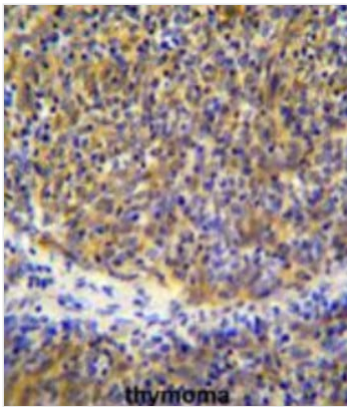
PRODUCT SYNONYMS

PSMB11; Polyclonal Antibody; PSMB11 Antibody (C-term); Proteasome subunit beta type-11; Proteasome subunit beta-5t; anti-PSMB11 antibody

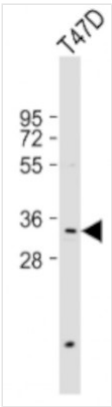
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PSMB11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 250-278 amino acids from the C-terminal region of human PSMB11.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	300
Applicable Applications for anti-PSMB11 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Cellular Location	Cytoplasm {ECO:0000255 PROSITE-ProRule:PRU00809}. Nucleus
Antigen Region	250-278
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

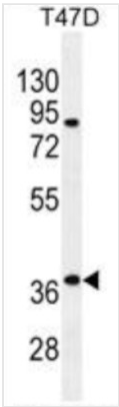
IMAGES



IHC (Immunohistochemisry)
PSMB11 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human thymoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PSMB11 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Anti-PSMB11 Antibody (C-term) at 1:1000 dilution + T47D whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
PSMB11 Antibody (C-term) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the PSMB11 antibody detected the PSMB11 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB11 antibody	Function: The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. Incorporated instead of PSMB5 or PSMB8, this unit reduces the chymotrypsin-like activity of the proteasome (By similarity). Plays a pivotal role in development of CD8-positive T cells (By similarity).
Product Categories/Family for anti-PSMB11 antibody	Cell Biology
References	Tomaru, U., et al. Blood 113(21):5186-5191(2009) Murata, S., et al. Science 316(5829):1349-1353(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	153791216
NCBI GeneID	122706
NCBI Accession #	NP_001093250.1
NCBI GenBank Nucleotide #	NM_001099780.1
UniProt Accession #	A5LHX3

NCBI Official Full Name	proteasome subunit beta type-11
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 11
NCBI Official Symbol	PSMB11
NCBI Official Synonym Symbols	BETA5T
NCBI Protein Information	proteasome subunit beta type-11
UniProt Protein Name	Proteasome subunit beta type-11
UniProt Gene Name	PSMB11
UniProt Entry Name	PSB11_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://www.aaabiotech.com/polyclonal/psmb11-antibody-immunohistochemistry-western-blot-elisa/285849>