

Rabbit PSMB9 Polyclonal Antibody | anti-PSMB9 antibody

PSMB9 Polyclonal Antibody

CATALOG # AAA36855	HOST Rabbit	APPLICATIONS ELISA, Immunofluorescence, Immunocytochemistry
------------------------------	-----------------------	---

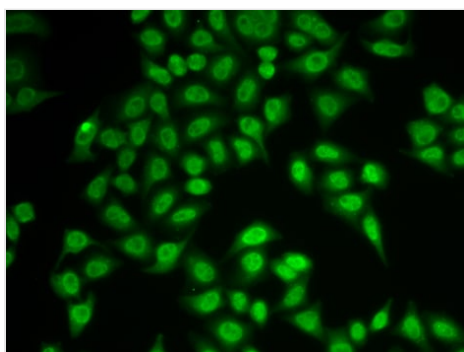
PRODUCT SYNONYMS

PSMB9; Polyclonal Antibody; PSMB9 Polyclonal Antibody; LMP2; PRAAS3; PSMB6i; RING12; beta1i; anti-PSMB9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	219
Applicable Applications for anti-PSMB9 antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-219 of human PSMB9/LMP2 (NP_002791.1).
Species Reactivity / Crossreactivity	Human
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using PSMB9/LMP2 antibody (AAA36855).

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB9 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. This gene is located in the class II region of the MHC (major histocompatibility complex). Expression of this gene is induced by gamma interferon and this gene product replaces catalytic subunit 1 (proteasome beta 6 subunit) in the immunoproteasome. Proteolytic processing is required to generate a mature subunit.
Product Categories/Family for anti-PSMB9 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	417529
NCBI GeneID	5698
UniProt Accession #	P28065; Q16523; Q5JNW4; B0V0T1
Molecular Weight	Calculated MW: 23kDa
NCBI Official Full Name	Proteasome subunit beta type-9
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 9
NCBI Official Symbol	PSMB9
NCBI Official Synonym Symbols	LMP2; PSMB6i; RING12; beta1i
NCBI Protein Information	proteasome subunit beta type-9; macropain chain 7; proteasome chain 7; proteasome-related gene 2; proteasome subunit beta 6i; proteasome subunit beta-1i; low molecular mass protein 2; proteasome catalytic subunit 1i; large multifunctional peptidase 2; really interesting new gene 12 protein; multicatalytic endopeptidase complex chain 7; proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)
UniProt Protein Name	Proteasome subunit beta type-9
UniProt Gene Name	PSMB9
UniProt Synonym Gene Names	LMP2; PSMB6i; RING12
UniProt Entry Name	PSB9_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/psmb9-antibody-immunofluorescence-immunocytochemistry-elisa/36855>