

Rabbit anti-Human, Mouse PSMB4 Polyclonal Antibody | anti-PSMB4 antibody

Rabbit anti-PSMB4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212296	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

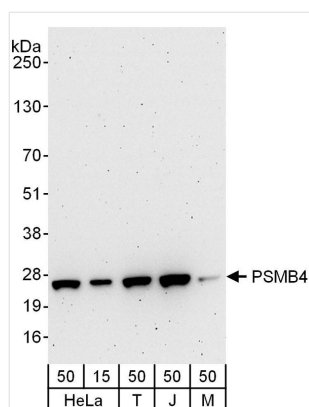
PRODUCT SYNONYMS

PSMB4; Polyclonal Antibody; Rabbit anti-PSMB4 Antibody; Affinity Purified; PROS-26; testis tissue sperm-binding protein Li 79P; proteasome subunit; beta type; 4; proteasome subunit HsN3; proteasome subunit beta type-4; proteasome chain 3; proteasome (prosome; macropain) subunit; hsBPROS26; 26 kDa prosomal protein; proteasome beta chain; HN3; PROS26; HsN3; macropain beta chain; multicatalytic endopeptidase complex beta chain; PRAAS3; Proteasome subunit beta type-4; proteasome subunit beta 4; anti-PSMB4 antibody

PRODUCT SPECIFICATIONS

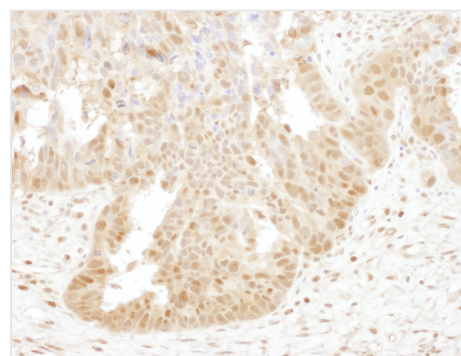
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PSMB4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Bovine
Immunogen	Between 214 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse PSMB4 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 ug), HeLa (H; 50 ug), Jurkat (J; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PSMB4 antibody AAA212296 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human PSMB4 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-PSMB4 (Cat. No. AAA212296 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB4 antibody	Proteasome (prosome, macropain) subunit, beta type, 4 (PSMB4) is a component of the proteasome, 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. PSMB4 is a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit [taken from NCBI Entrez Gene (Gene ID: 5692)].
Product Categories/Family for anti-PSMB4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	22538467
NCBI GeneID	5692
NCBI Accession #	NP_002787.2
NCBI GenBank Nucleotide #	NM_002796.2
UniProt Accession #	P28070; P31148; Q5SZS5; Q6IBI4; Q969L6; B2R9L3
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/psmb4-antibody-immunohistochemistry-western-blot-elisa/212296>