

Rabbit anti-Human PSMB2 Polyclonal Antibody | anti-PSMB2 antibody

Rabbit anti-PSMB2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212295	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

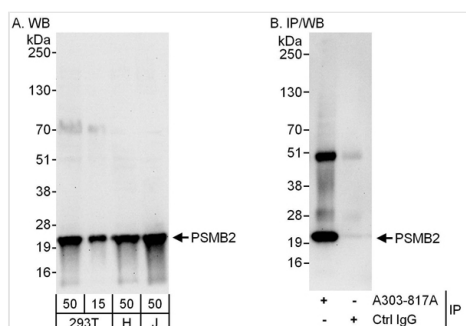
PRODUCT SYNONYMS

PSMB2; Polyclonal Antibody; Rabbit anti-PSMB2 Antibody; Affinity Purified; multicatalytic endopeptidase complex subunit C7-1; testicular tissue protein Li 152; proteasome subunit; beta type; 2; proteasome subunit beta type-2; proteasome component C7-I; proteasome beta 2 subunit; multicatalytic endopeptidase complex subunit C7-I; macropain subunit C7-I; HC7-I; proteasome (prosome; macropain) subunit; Proteasome subunit beta type-2; proteasome subunit beta 2; anti-PSMB2 antibody

PRODUCT SPECIFICATIONS

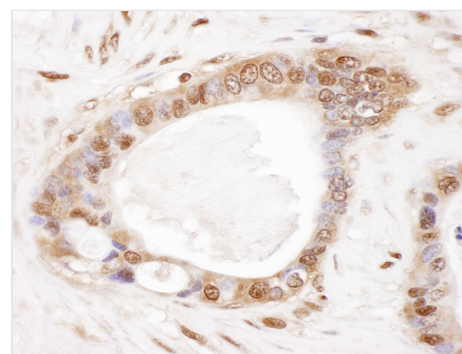
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PSMB2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine
Immunogen	Between 151 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 PSMB2 by western blot and immunoprecipitation. Samples: Whole cell lysate from HEK293T (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HeLa (H; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PSMB2 antibody AAA212295 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. Detection: Chemiluminescence with exposure times of 30 seconds (A and B).



IHC (Immunohistochemistry)

Detection of human PSMB2 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-PSMB2 (Cat. No. AAA212295 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB2 antibody	Proteasome (prosome, macropain) subunit, alpha type, 2 (PSMA2) 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. PSMA2 is a member of the peptidase T1A family, that is a 20S core alpha subunit [taken from NCBI Entrez Gene (Gene ID: 5683)].
Product Categories/Family for anti-PSMB2 antibody	Primary Antibodies

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 (prosome, macropain) subunit, beta type, 2
NCBI Official Symbol	PSMB2
NCBI Official Synonym Symbols	HC7-I
NCBI Protein Information	proteasome subunit beta type-2; macropain subunit C7-I; multicatalytic endopeptidase complex subunit C7-1; multicatalytic endopeptidase complex subunit C7-I; proteasome beta 2 subunit; proteasome component C7-I; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/psmb2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212295>