

Rabbit anti-Human, Mouse PSMA6 Polyclonal Antibody | anti-PSMA6 antibody

Rabbit anti-PSMA6 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212290	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PSMA6; Polyclonal Antibody; Rabbit anti-PSMA6 Antibody; Affinity Purified; 27 kDa prosomal protein; prosomal P27K protein; testicular secretory protein Li 44; proteasome subunit iota; proteasome subunit alpha type-6; proteasome iota chain; proteasome (prosome; macropain) subunit; alpha type; 6; PROS-27; PROS27; p27K; multicatalytic endopeptidase complex iota chain; macropain subunit iota; IOTA; macropain iota chain; Proteasome subunit alpha type-6; proteasome subunit alpha 6; anti-PSMA6 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-PSMA6 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 196 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 PSMA6 by western blot (h and m) and immunoprecipitation (h). Samples: Whole cell lysate from HEK293T (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HeLa (H; 50 ug), Jurkat (J; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PSMA6 antibody AAA212290 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 3 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human PSMA6 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-PSMA6 (Cat. No. AAA212290 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human PSMA6 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-PSMA6 (Cat. No. AAA212290 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA6 antibody	Proteasome subunit alpha type-6 (PSMA6) is a component of the proteasome. 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 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P60900].
Product Categories/Family for anti-PSMA6 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110944
NCBI GeneID	5687
NCBI Accession #	NP_002782.1
NCBI GenBank Nucleotide #	NM_002791.1
UniProt Accession #	P60900 ; P34062 ; Q6IB60 ; B2R7J9 ; Q9BZ93
Molecular Weight	27,399 Da
NCBI Official Full Name	proteasome subunit alpha type-6
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, alpha type, 6
NCBI Official Symbol	PSMA6
NCBI Official Synonym Symbols	IOTA; p27K; PROS27; MGC2333; MGC22756; MGC23846
NCBI Protein Information	proteasome subunit alpha type-6; PROS-27; OTTHUMP00000178843; macropain iota chain; prosomal P27K protein; proteasome iota chain; macropain subunit iota; 27 kDa prosomal protein; proteasome subunit iota; multicatalytic endopeptidase complex iota chain
UniProt Protein Name	Proteasome subunit alpha type-6
UniProt Gene Name	PSMA6
UniProt Synonym Gene Names	PROS27; PROS-27; p27K
UniProt Entry Name	PSA6_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/psma6-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212290>