

Rabbit PSMA6 Polyclonal Antibody | anti-PSMA6 antibody

PSMA6 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174263	Rabbit	Human, Mouse, Rat, Monkey	Immunofluorescence, Immunohistochemistry, Western Blot

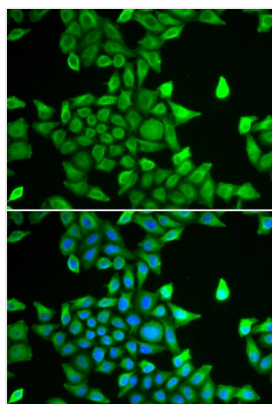
PRODUCT SYNONYMS

PSMA6; Polyclonal Antibody; PSMA6 Polyclonal Antibody; 27 kDa prosomal protein; IOTA; Macropain iota chain; Macropain subunit iota; MGC22756; MGC2333; MGC23846; Multicatalytic endopeptidase complex iota chain; p27K; PROS 27; PROS-27; PROS27; Prosomal P27K protein; Proteasome (prosome macropain) subunit alpha type 6; Proteasome iota chain; Proteasome subunit alpha type 6; Proteasome subunit alpha type-6; Proteasome subunit iota; PSA6; PSMA 6; anti-PSMA6 antibody

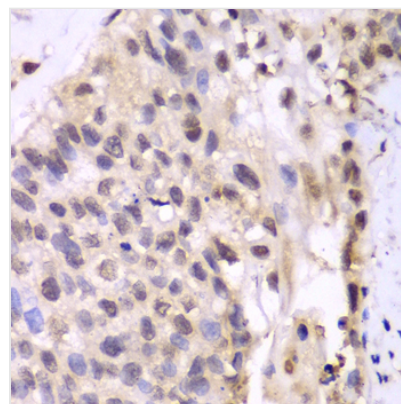
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	227
Applicable Applications for anti-PSMA6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PSMA6
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

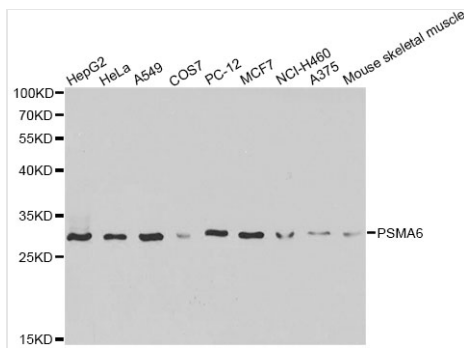
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using PSMA6 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using PSMA6 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMA6 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA6 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 peptidase T1A family, that is a 20S core alpha subunit. Multiple transcript variants encoding several different isoforms have been found for this gene. A pseudogene has been identified on the Y chromosome.

Product Categories/Family for anti-PSMA6 antibody

Cancer; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	532691770
NCBI GeneID	5687
NCBI Accession #	NP_001269161.1
NCBI GenBank Nucleotide #	NM_001282232.1
UniProt Accession #	P60900; P34062; Q6IB60; B2R7J9; B4DQR4; B4DXJ9
Molecular Weight	Calculated: 18kDa; 25kDa; 27kDa Observed: 30kDa
NCBI Official Full Name	proteasome subunit alpha type-6 isoform b
NCBI Official Synonym Full Names	proteasome subunit alpha 6
NCBI Official Symbol	PSMA6
NCBI Official Synonym Symbols	IOTA; p27K; PROS27
NCBI Protein Information	proteasome subunit alpha type-6
UniProt Protein Name	Proteasome subunit alpha type-6
UniProt Gene Name	PSMA6
UniProt Synonym Gene Names	PROS27; PROS-27; p27K

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-immunofluorescence-immunohistochemistry-western-blot-elisa/174263>