

Rabbit anti-Human 20S Proteasome alpha6 Polyclonal Antibody | anti-PSMA6 antibody

20S Proteasome alpha6 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305734	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

20S Proteasome alpha6; Polyclonal Antibody; 20S Proteasome alpha6 antibody; anti-PSMA6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	246
Applicable Applications for anti-PSMA6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 57 and 244 of 20S Proteasome alpha6
Target Name	20S Proteasome alpha6
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using 20S Proteasome alpha6 antibody at 1: 200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H1299 xenograft, using 20S Proteasome alpha6 antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: 293T B: A431 C: H1299 D: HeLa 12% SDS PAGE
Primary antibody diluted at 1: 1000

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. A pseudogene has been identified on the Y chromosome. [provided by RefSeq]
Product Categories/Family for anti-PSMA6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12804241
NCBI GeneID	5687
Molecular Weight	18,816 Da
NCBI Official Full Name	Proteasome (prosome, macropain) subunit, alpha type, 6
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
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/20s-proteasome-alpha6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305734>