

Rabbit anti-Human proteasome alpha 7 Polyclonal Antibody | anti-PSMA7 antibody

proteasome alpha 7 antibody

CATALOG # AAA307299	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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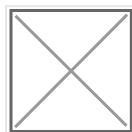
PRODUCT SYNONYMS

proteasome alpha 7; Polyclonal Antibody; proteasome alpha 7 antibody; anti-PSMA7 antibody

PRODUCT SPECIFICATIONS

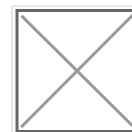
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	248
Applicable Applications for anti-PSMA7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 10 and 217 of Human PSMA7
Target Name	proteasome alpha 7
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded CL1-5 xenograft, using proteasome alpha 7 antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: A431 B: H1299 C: Hela D: Hep G2 12% SDS PAGE
Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA7 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. This particular subunit has been shown to interact specifically with the hepatitis B virus X protein, a protein critical to viral replication. In addition, this subunit is involved in regulating hepatitis virus C internal ribosome entry site (IRES) activity, an activity essential for viral replication. This core alpha subunit is also involved in regulating the hypoxia-inducible factor-1alpha, a transcription factor important for cellular responses to oxygen tension. Multiple isoforms of this subunit arising from alternative splicing may exist but alternative transcripts for only two isoforms have been defined. A pseudogene has been identified on chromosome 9. [provided by RefSeq]
Product Categories/Family for anti-PSMA7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506189
NCBI GeneID	5688
NCBI Accession #	NP_002783
NCBI GenBank Nucleotide #	NM_002792.3
Molecular Weight	16,135 Da
NCBI Official Full Name	proteasome subunit alpha type-7
NCBI Official Synonym Full Names	proteasome subunit alpha 7
NCBI Official Symbol	PSMA7
NCBI Official Synonym Symbols	C6; HSPC; RC6-1; XAPC7
NCBI Protein Information	proteasome subunit alpha type-7
UniProt Protein Name	Proteasome subunit alpha type-7
UniProt Gene Name	PSMA7
UniProt Synonym Gene Names	HSPC
UniProt Entry Name	PSA7_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/proteasome-alpha-7-antibody-immunohistochemistry-western-blot-elisa/307299>