

Rabbit PSMA6 Polyclonal Antibody | anti-PSMA6 antibody

PSMA6 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198654	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish	Western Blot

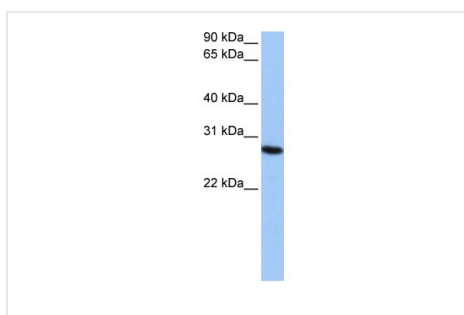
PRODUCT SYNONYMS

PSMA6; Polyclonal Antibody; PSMA6 antibody - N-terminal region; anti-PSMA6 antibody

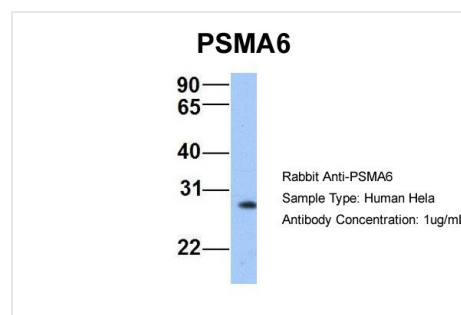
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EY AFKAINQGGL TSVAVRGKDC AVIVTQKKVP DKLLDSSTVT HLFKITEN
Sequence Length	246
Applicable Applications for anti-PSMA6 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Yeast: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PSMA6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

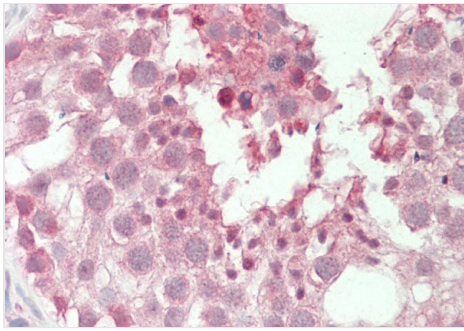
IMAGES


WB (Western Blot)

WB Suggested Anti-PSMA6 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate


WB (Western Blot)

Host: Rabbit Target Name: PSMA6 Sample Type: Human HeLa Antibody Dilution: 1.0ug/ml PSMA6 is supported by BioGPS gene expression data to be expressed in HeLa



IHC (Immunohistochemistry)
 Rabbit Anti-PSMA6 antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Testis
 Primary antibody Concentration: 1:100
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20x
 Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA6 antibody	This is a rabbit polyclonal antibody against PSMA6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. PSMA6 is a member of the peptidase T1A family, which is a 20S core alpha subunit. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-PSMA6 antibody	Polyclonal; RNA Binding Proteins; Transcription Regulation; Drugs and Drug Metabolism; E3 & Ubiquitin; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110944
NCBI GeneID	5687
NCBI Accession #	NP_002782
NCBI GenBank Nucleotide #	NM_002791
UniProt Accession #	P60900
Molecular Weight	27kDa
NCBI Official Full Name	proteasome subunit alpha type-6 isoform a
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://www.aaabiotech.com/polyclonal/psma6-antibody-western-blot-elisa/198654>