

Rabbit PSMA3 Polyclonal Antibody | anti-PSMA3 antibody

PSMA3 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200736	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

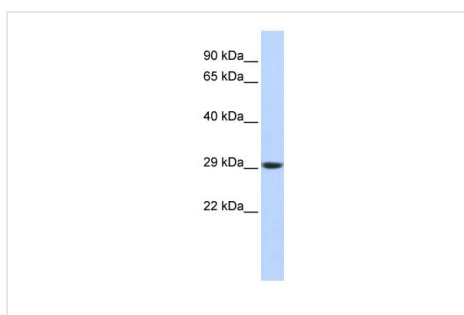
PRODUCT SYNONYMS

PSMA3; Polyclonal Antibody; PSMA3 antibody - middle region; anti-PSMA3 antibody

PRODUCT SPECIFICATIONS

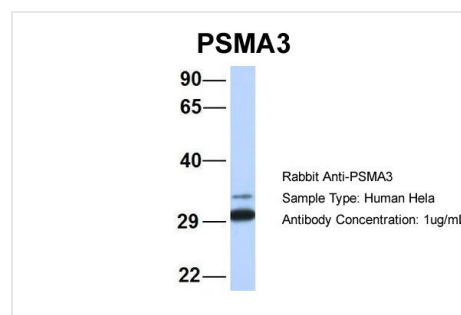
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VK DKA FELELSW VGELTNGRHE IVPK DIREEA EKYAKESLKE EDESDDDN
Sequence Length	248
Applicable Applications for anti-PSMA3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 90%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PSMA3
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



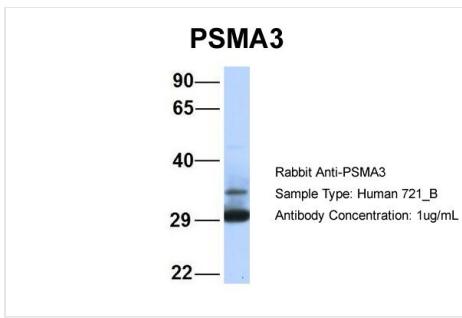
WB (Western Blot)

WB Suggested Anti-PSMA3 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Human brain



WB (Western Blot)

Host: Rabbit
Target Name: PSMA3
Sample Type: Human HeLa
Antibody Dilution: 1.0ug/ml
PSMA3 is supported by BioGPS gene expression data to be expressed in HeLa



WB (Western Blot)

Host: RabbitTarget Name: PSMA3Sample Type: Human 721_BAntibody Dilution: 1.0ug/mlPSMA3 is supported by BioGPS gene expression data to be expressed in 721_B

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA3 antibody	This is a rabbit polyclonal antibody against PSMA3. 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. PSMA3 is a member of the peptidase T1A family, that 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. Two alternative transcripts encoding different isoforms have been identified.
Product Categories/Family for anti-PSMA3 antibody	Polyclonal; Drugs and Drug Metabolism ; Various ; E3 & Ubiquitin

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110939
NCBI GeneID	5684
NCBI Accession #	NP_687033
NCBI GenBank Nucleotide #	NM_152132
UniProt Accession #	P25788
Molecular Weight	28kDa
NCBI Official Full Name	proteasome subunit alpha type-3 isoform 2
NCBI Official Synonym Full Names	proteasome subunit alpha 3
NCBI Official Symbol	PSMA3
NCBI Official Synonym Symbols	HC8; PSC3
NCBI Protein Information	proteasome subunit alpha type-3
UniProt Protein Name	Proteasome subunit alpha type-3
UniProt Gene Name	PSMA3
UniProt Synonym Gene Names	HC8; PSC8

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/psma3-antibody-western-blot-elisa/200736>