

Rabbit PSMA5 Polyclonal Antibody | anti-PSMA5 antibody

PSMA5 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288826	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

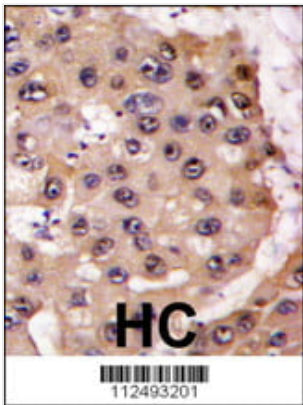
PRODUCT SYNONYMS

PSMA5; Polyclonal Antibody; PSMA5 Antibody (Center); Proteasome subunit alpha type-5; Macropain zeta chain; Multicatalytic endopeptidase complex zeta chain; Proteasome zeta chain; anti-PSMA5 antibody

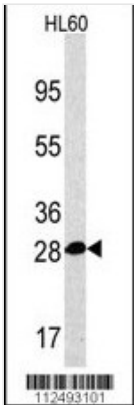
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PSMA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-135 amino acids from the Central region of human PSMA5.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	106-135
Sequence Length	183
Applicable Applications for anti-PSMA5 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

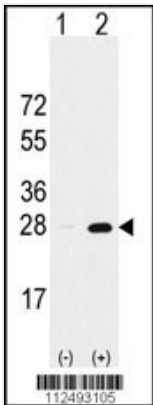
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with PSMA5 antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PSMA5 Antibody (Center) in HL60 cell line lysates (35ug/lane). PSMA5(arrow) was detected using the purified polyclonal antibody.



WB (Western Blot)
Western blot analysis of PSMA5 (arrow) using rabbit polyclonal PSMA5 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PSMA5 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA5 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. PMA5 is a member of the peptidase T1A family, that is a 20S core alpha subunit.
Product Categories/Family for anti-PSMA5 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	315138981
NCBI GeneID	5686
NCBI Accession #	NP_001186701.1; NP_001186702.1; NP_001186703.1; NP_002781.2
NCBI GenBank Nucleotide #	NM_001199772.1
UniProt Accession #	P28066; Q3T1C1; Q6IBF7; B2R8F6; B4E2V4

Molecular Weight	26411
NCBI Official Full Name	proteasome subunit alpha type-5 isoform 2
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, alpha type, 5
NCBI Official Symbol	PSMA5
NCBI Official Synonym Symbols	PSC5; ZETA
NCBI Protein Information	proteasome subunit alpha type-5
UniProt Protein Name	Proteasome subunit alpha type-5
UniProt Gene Name	PSMA5
UniProt Entry Name	PSA5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/psma5-antibody-immunohistochemistry-western-blot-elisa/288826>