

Rabbit anti-Human, Mouse PSMA5 Polyclonal Antibody | anti-PSMA5 antibody

PSMA5 Polyclonal Antibody

CATALOG # AAA280101	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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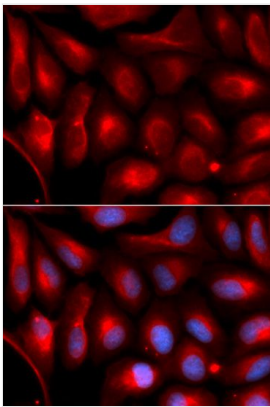
PRODUCT SYNONYMS

PSMA5; Polyclonal Antibody; PSMA5 Polyclonal Antibody; PSC5; ZETA; anti-PSMA5 antibody

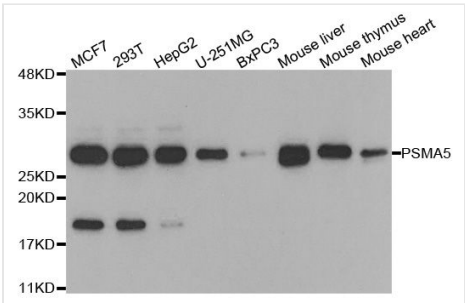
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	241
Applicable Applications for anti-PSMA5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PSMA5
Calculated Molecular Weight	26kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using PSMA5 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PSMA5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Multiple alternatively spliced transcript variants encoding two distinct isoforms have been found for this gene.
Product Categories/Family for anti-PSMA5 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	38258905
NCBI GeneID	5686
UniProt Accession #	P28066; Q3T1C1; Q6IBF7; B2R8F6; B4E2V4
Molecular Weight	241
NCBI Official Full Name	Proteasome subunit alpha type-5
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; macropain zeta chain; proteasome zeta chain; macropain subunit zeta; proteasome component 5; proteasome subunit zeta; proteasome alpha 5 subunit; multicatalytic endopeptidase complex zeta chain
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.