

Rabbit PSMA4 Polyclonal Antibody | anti-PSMA4 antibody

PSMA4 Polyclonal Antibody

CATALOG # AAA312880	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Monkey	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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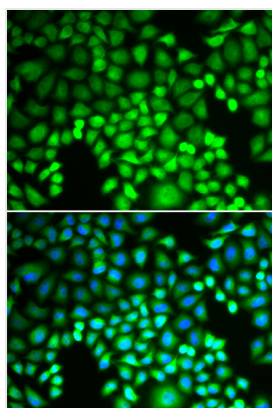
PRODUCT SYNONYMS

PSMA4; Polyclonal Antibody; PSMA4 Polyclonal Antibody; HC9; HsT17706; PSC9; anti-PSMA4 antibody

PRODUCT SPECIFICATIONS

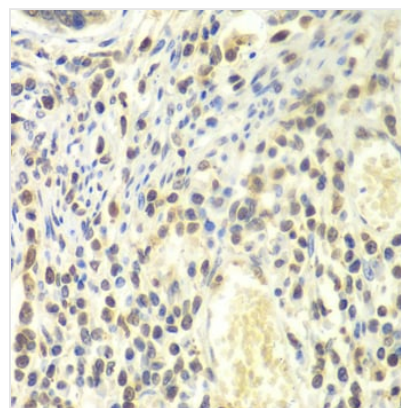
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 59% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.12
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PSMA4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PSMA4 (NP_001096137.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



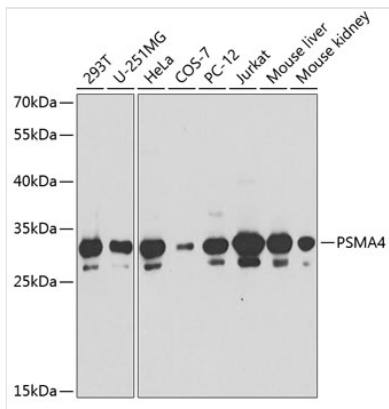
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PSMA4 antibody . Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using PSMA4 antibody at dilution of 1:100 .



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMA4 antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA4 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. Three alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PSMA4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	156713442
NCBI GeneID	5685
NCBI Accession #	NP_001096137.1
NCBI GenBank Nucleotide #	NM_001102667.1
UniProt Accession #	P25789; Q53XP2; Q567Q5; Q8TBD1; D3DW86
Molecular Weight	21,365 Da
NCBI Official Full Name	proteasome subunit alpha type-4 isoform 1
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, alpha type, 4
NCBI Official Symbol	PSMA4
NCBI Official Synonym Symbols	HC9; PSC9; HsT17706
NCBI Protein Information	proteasome subunit alpha type-4; macropain subunit C9; multicatalytic endopeptidase complex subunit C9; proteasome component C9; proteasome subunit HC9; proteasome subunit L
UniProt Protein Name	Proteasome subunit alpha type-4
UniProt Gene Name	PSMA4
UniProt Synonym Gene Names	HC9; PSC9
UniProt Entry Name	PSA4_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/psma4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312880>