

Rabbit PSMA4 Polyclonal Antibody | anti-PSMA4 antibody

PSMA4 Polyclonal Antibody

CATALOG # AAA281095	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Monkey	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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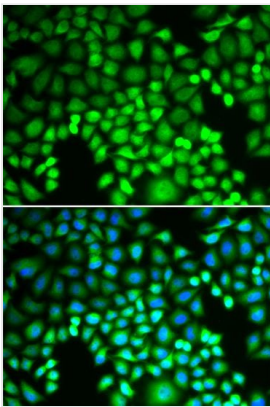
PRODUCT SYNONYMS

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

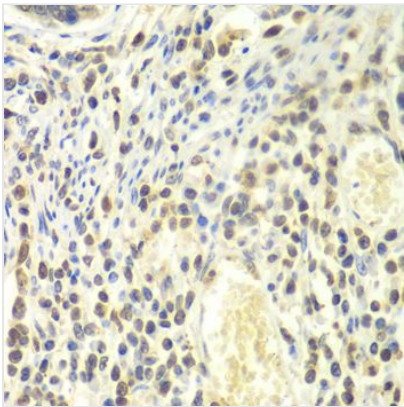
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MSRRYDSRTT IFSPEGRLYQ VEYAMEAIGH AGTCLGILAN DGVLLAAERR NIHKLLEDEV FSEKIYKLE DMACSVAGIT SDANVLTNEL RLIAQRYLLQ YQEPIPCQL VTALCDIKQA YQFGGKRPF GVSLLYIGWD KHYGFQLYQS DPSGNYGGWK ATCIGNNSAA AVSMLKQDYK EGEMTLKSAL ALAIKVLNKT MDVSKLSAEK VEIATLTREN GKTIVIRVLKQ KEVEQLIKKH EEEEEAKAERE KKEKE
Sequence Length	261
Applicable Applications for anti-PSMA4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PSMA4
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Nucleus, P-body
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

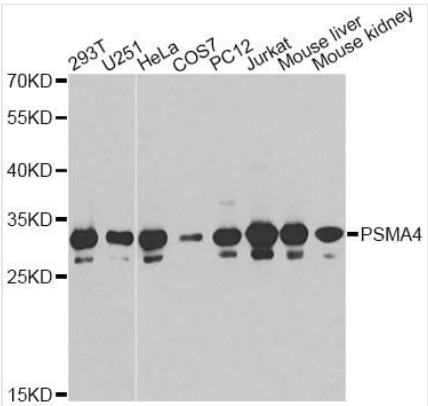
IMAGES



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 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PSMA4 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-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	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	156713442
NCBI GeneID	5685
NCBI Accession #	NP_001096137.1
NCBI GenBank Nucleotide #	NM_001102667.2
UniProt Accession #	P25789 ; Q53XP2 ; Q567Q5 ; Q8TBD1 ; D3DW86

Molecular Weight	Calculated: 21kDa; 29kDa Observed: 29kDa
NCBI Official Full Name	proteasome subunit alpha type-4 isoform 1
NCBI Official Synonym Full Names	proteasome subunit alpha 4
NCBI Official Symbol	PSMA4
NCBI Official Synonym Symbols	HC9; PSC9; HsT17706
NCBI Protein Information	proteasome subunit alpha type-4
UniProt Protein Name	Proteasome subunit alpha type-4
UniProt Gene Name	PSMA4
UniProt Synonym Gene Names	HC9; PSC9

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/281095>