

Rabbit PSMA4 Polyclonal Antibody | anti-PSMA4 antibody

Rabbit anti-PSMA4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222878	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

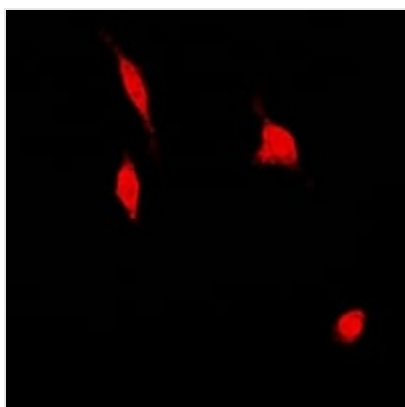
PRODUCT SYNONYMS

PSMA4; Polyclonal Antibody; Rabbit anti-PSMA4 Antibody; HC9; PSC9; Proteasome subunit alpha type-4; Macropain subunit C9; Multicatalytic endopeptidase complex subunit C9; Proteasome component C9; Proteasome subunit L; anti-PSMA4 antibody

PRODUCT SPECIFICATIONS

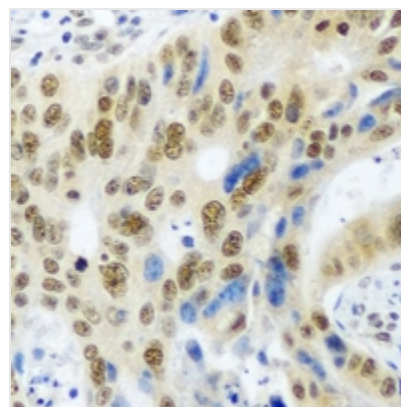
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PSMA4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PSMA4
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



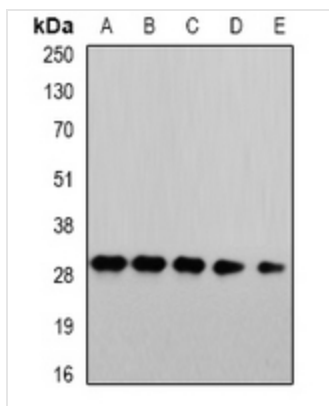
IF (Immunofluorescence)

Immunofluorescent analysis of PSMA4 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PSMA4 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PSMA4 expression in HepG2 (A), Jurkat (B), mouse liver (C), COS7 (D), PC12 (E) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PSMA4 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	130861
NCBI GeneID	5685
UniProt Accession #	P25789; Q9R1P0; P21670
Molecular Weight	261
NCBI Official Full Name	Proteasome subunit alpha type-4
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; proteasome subunit L; proteasome subunit HC9; proteasome component C9; multicatalytic endopeptidase complex subunit C9
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/222878>