

Rabbit anti-Human PSMA1 Polyclonal Antibody | anti-PSMA1 antibody

PSMA1 Antibody

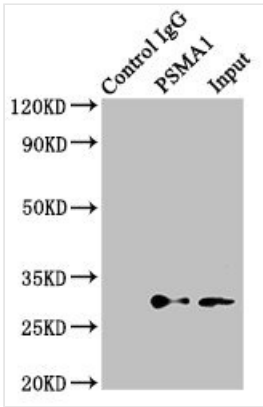
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233277	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PSMA1; Polyclonal Antibody; PSMA1 Antibody; Proteasome subunit alpha type-1; 30 kDa prosomal protein; PROS-30; Macropain subunit C2; Multicatalytic endopeptidase complex subunit C2; Proteasome component C2; Proteasome nu chain; HC2; NU; PROS30; PSC2; anti-PSMA1 antibody

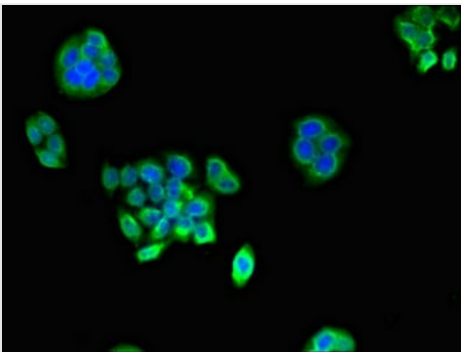
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	263
Applicable Applications for anti-PSMA1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Proteasome subunit alpha type-1 protein (163-263AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



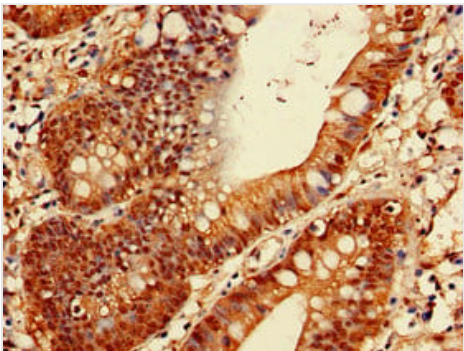
IP (Immunoprecipitation)

Immunoprecipitating PSMA1 in K562 whole cell lysate Lane 1: Rabbit control IgG (1ug) instead of AAA233277 in K562 whole cell lysate. For western blotting, a HRP-conjugated light chain specific antibody was used as the secondary antibody (1/50000) Lane 2: AAA233277 (8ug)+ K562 whole cell lysate (500ug) Lane 3: K562 whole cell lysate (10ug)



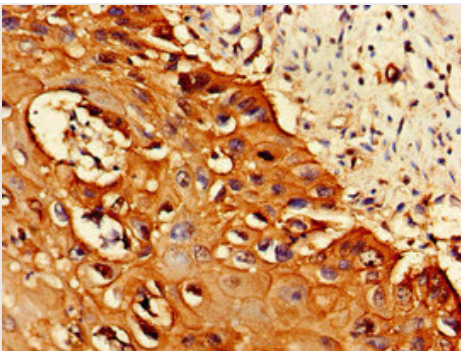
IF (Immunofluorescence)

Immunofluorescent analysis of PC3 cells using AAA233277 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



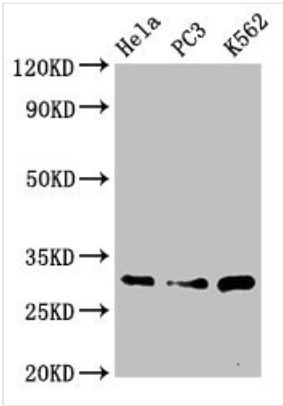
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA233277 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human cervical cancer using AAA233277 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate, PC3 whole cell lysate, K562 whole cell lysate All lanes: PSMA1 antibody at 3.4ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 30,31 KDa Observed band size: 30 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA1 antibody

The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. Mediates the lipopolysaccharide-induced signal transduction in the macrophage proteasome (By similarity). Might be involved in the anti-inflammatory response of macrophages during the interaction with C.albicans heat-inactivated cells (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506179
NCBI GeneID	5682
NCBI Accession #	NP_002777.1
NCBI GenBank Nucleotide #	NM_002786.3
UniProt Accession #	P25786; Q53YE8; Q9BRV9; A8K400
Molecular Weight	30,239 Da
NCBI Official Full Name	proteasome subunit alpha type-1 isoform 2
NCBI Official Synonym Full Names	proteasome subunit alpha 1
NCBI Official Symbol	PSMA1
NCBI Official Synonym Symbols	NU; HC2; PROS30; HEL-S-275
NCBI Protein Information	proteasome subunit alpha type-1
UniProt Protein Name	Proteasome subunit alpha type-1
UniProt Gene Name	PSMA1
UniProt Synonym Gene Names	HC2; NU; PROS30; PSC2; PROS-30

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://www.aaabiotech.com/polyclonal/psma1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233277>