Rabbit PSMA2 Polyclonal Antibody | anti-PSMA2 antibody

PSMA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168186	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

PSMA2; Polyclonal Antibody; PSMA2 Antibody; MU; HC3; PSC2; PMSA2; anti-PSMA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	234
Applicable Applications for anti-PSMA2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PSMA2
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cell using PSMA2 antibody. Blue: DAPI for nuclear staining.

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded rat lung using PSMA2 antibody at dilution of 1:100 (200x lens).

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using PSMA2 antibody at dilution of 1:100 (200x lens).

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PSMA2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA2 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47496581
NCBI GeneID	5683
UniProt Accession #	P25787; Q6ICS6; Q9BU45
Molecular Weight	25,899 Da
NCBI Official Full Name	PSMA2, partial
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, alpha type, 2
NCBI Official Symbol	PSMA2
NCBI Official Synonym Symbols	MU; HC3; PSC2; PMSA2
NCBI Protein Information	proteasome subunit alpha type-2; macropain subunit C3; multicatalytic endopeptidase complex subunit C3; proteasome component C3; proteasome subunit HC3
UniProt Protein Name	Proteasome subunit alpha type-2
UniProt Gene Name	**PSMA2**
UniProt Synonym Gene Names	HC3; PSC3
UniProt Entry Name	PSA2_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/psma2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/168186