

Rabbit anti-Human 20S Proteasome alpha2 Polyclonal Antibody | anti-PSMA2 antibody

20S Proteasome alpha2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308339	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

20S Proteasome alpha2; Polyclonal Antibody; 20S Proteasome alpha2 antibody; HC3; MU; PMSA2; PSC2; anti-PSMA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	234
Applicable Applications for anti-PSMA2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 226 of 20S Proteasome alpha2
Target Name	20S Proteasome alpha2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



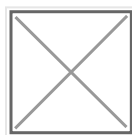
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using 20S Proteasome alpha2 antibody at 1: 200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded CA922 xenograft, using Proteasome 20S alpha 2 antibody at 1: 500 dilution.



Application Data

Sample(30ug of whole cell lysate)A: H1299B: HeLa S3 C: Hep G2 D: MOLT4 E: Raji 12% SDS PAGEPrimary antibody diluted at 1: 1000

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. [provided by RefSeq]
Product Categories/Family for anti-PSMA2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506181
NCBI GeneID	5683
NCBI Accession #	NP_002778
NCBI GenBank Nucleotide #	NM_002787.4
Molecular Weight	25,899 Da
NCBI Official Full Name	proteasome subunit alpha type-2
NCBI Official Synonym Full Names	proteasome subunit alpha 2
NCBI Official Symbol	PSMA2
NCBI Official Synonym Symbols	MU; HC3; PSC2; PMSA2
NCBI Protein Information	proteasome subunit alpha type-2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/20s-proteasome-alpha2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/308339>