

Rabbit Proteasome 20S alpha 2 Polyclonal Antibody

Proteasome 20S alpha 2 antibody

CATALOG # AAA107849	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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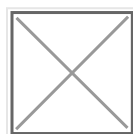
PRODUCT SYNONYMS

Proteasome 20S alpha 2; Polyclonal Antibody; Proteasome 20S alpha 2 antibody; Polyclonal Proteasome 20S alpha 2; Anti-Proteasome 20S alpha 2; Proteasome S alpha 2-20; HC3; PSMA2; Proteasome S alpha 2 20; PMSA2; MU; macropain subunit C3; proteasome subunit alpha type-2; multicatalytic endopeptidase complex subunit C3; proteasome component C3; PSC2; anti-Proteasome 20S alpha 2 antibody

PRODUCT SPECIFICATIONS

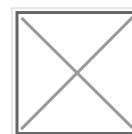
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Proteasome 20S alpha 2 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-Proteasome 20S alpha 2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	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.
Cross-Reactivity	Human
Immunogen	Proteasome 20S alpha 2 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 1 and 234 of Proteasome 20S alpha 2
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded CA922 xenograft using Proteasome 20S alpha 2 antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: H1299; B: HeLa S3; C: Hep G2; D: MOLT4; E: Raji) using a 12 % SDS PAGE gel and Proteasome 20S alpha 2 antibody at a dilution of 1:1000



IF (Immunofluorescence)

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

ADDITIONAL INFORMATION

Related Product Information for anti-Proteasome 20S alpha 2 antibody	Affinity purified Rabbit polyclonal Proteasome 20S alpha 2 antibody
Product Categories/Family for anti-Proteasome 20S alpha 2 antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	26 kDa
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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/proteasome-20s-alpha-2-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107849>