

Rabbit anti-Human PSME4 Polyclonal Antibody | anti-PSME4 antibody

Rabbit anti-PSME4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212341	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PSME4; Polyclonal Antibody; Rabbit anti-PSME4 Antibody; Affinity Purified; proteasome activator complex subunit 4; proteasome activator PA200; proteasome activator 200 kDa; proteasome (prosome; macropain) activator subunit 4; PA200; Proteasome activator complex subunit 4; proteasome activator subunit 4; anti-PSME4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PSME4 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



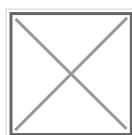
WB (Western Blot)

Detection of human PSME4 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 ug), HeLa (50ug), and Jurkat (50ug) cells. Antibodies: Affinity purified rabbit anti-PSME4 antibody AAA212341 (lot AAA212341-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human PSME4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-PSME4 antibody AAA212341 (lot AAA212341-1) used for IP at 6 ug/mg lysate. PSME4 was also immunoprecipitated by rabbit anti-PSME4 antibody BL13947. For blotting immunoprecipitated PSME4, AAA212341 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human PSME4 by immunohistochemistry. Sample: FFPE section of human non-small cell lung cancer. Antibody: Affinity purified rabbit anti-PSME4 (Cat. No. AAA212341 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PSME4 antibody	proteasome (prosome, macropain) activator subunit 4 (PSME4) is subunit of the proteasome. PSME4 has been found to activate proteasomal cleavage of peptides in an energy-independent manner and may be involved in spermatogenesis. PSME4 may also be involved in DNA repair [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q14997].
Product Categories/Family for anti-PSME4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	163644283
NCBI GeneID	23198
NCBI Accession #	NP_055429.2
NCBI GenBank Nucleotide #	NM_014614.2
UniProt Accession #	Q14997; Q1XBG4; Q1XBG5; Q1XBG6; Q2M1Z0; Q6IPR2; Q86XF8
Molecular Weight	211,334 Da
NCBI Official Full Name	proteasome activator complex subunit 4
NCBI Official Synonym Full Names	proteasome (prosome, macropain) activator subunit 4
NCBI Official Symbol	PSME4
NCBI Official Synonym Symbols	PA200; FLJ21864; KIAA0077; MGC138374; MGC142228
NCBI Protein Information	proteasome activator complex subunit 4; OTTHUMP00000200663; proteasome activator PA200; proteasome activator 200 kDa
UniProt Protein Name	Proteasome activator complex subunit 4
UniProt Gene Name	PSME4
UniProt Synonym Gene Names	KIAA0077
UniProt Entry Name	PSME4_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/psme4-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212341>