

Rabbit anti-Human, Mouse PSME1 Polyclonal Antibody | anti-PSME1 antibody

PSME1 Antibody

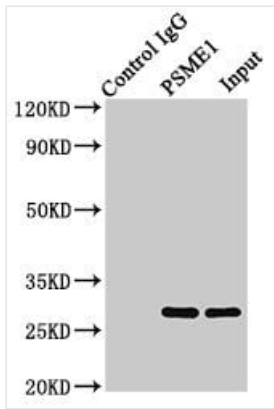
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231540	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

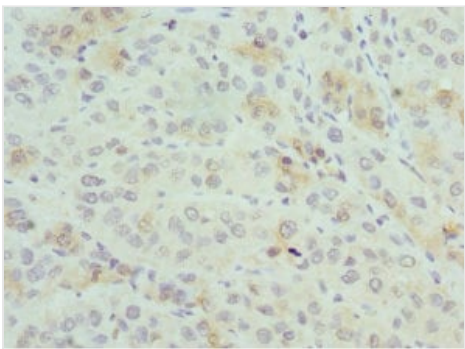
PSME1; Polyclonal Antibody; PSME1 Antibody; Proteasome activator complex subunit 1; 11S regulator complex subunit alpha; REG-alpha; Activator of multicatalytic protease subunit 1; Interferon gamma up-regulated I-5111 protein; IGUP I-5111; Proteasome activator 28 subunit alpha; PA28a; PA28alpha; IFI5111; anti-PSME1 antibody

PRODUCT SPECIFICATIONS

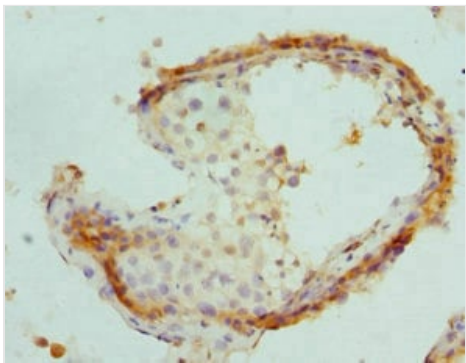
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	233
Applicable Applications for anti-PSME1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Proteasome activator complex subunit 1 protein (1-249AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-21267
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



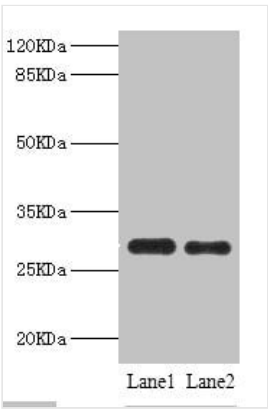
IP (Immunoprecipitation)
Immunoprecipitating PSME1 in Jurkat whole cell lysate Lane 1: Rabbit control IgG (1ug) instead of AAA231540 in Jurkat whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: AAA231540 (8ug)+ Jurkat whole cell lysate (500ug) Lane 3: Jurkat whole cell lysate (10ug)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA231540 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human testis tissue using AAA231540 at dilution 1:100



WB (Western Blot)
Western blot All lanes: PSME1 antibody at 0.75ug/mL Lane 1: mouse liver tissue Lane 2: Raji whole cell lysate Secondary Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 29,27 kDa Observed band size: 29 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PSME1 antibody	Implicated in immunoproteasome assembly and required for efficient antigen processing. The PA28 activator complex enhances the generation of class I binding peptides by altering the cleavage pattern of the proteasome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	528078353
NCBI GeneID	5720
NCBI Accession #	NP_001268457.1
NCBI GenBank Nucleotide #	NM_001281528.1
UniProt Accession #	Q06323; Q6IBM2; Q9UEF4; A6NJG9; H0YNE3
Molecular Weight	26,870 Da
NCBI Official Full Name	proteasome activator complex subunit 1 isoform 3
NCBI Official Synonym Full Names	proteasome activator subunit 1
NCBI Official Symbol	PSME1

NCBI Official Synonym Symbols	PA28A; IFI5111; REGalpha; PA28alpha; HEL-S-129m
NCBI Protein Information	proteasome activator complex subunit 1
UniProt Protein Name	Proteasome activator complex subunit 1
UniProt Gene Name	PSME1
UniProt Synonym Gene Names	IFI5111; REG-alpha; IGUP I-5111; PA28a; PA28alpha
UniProt Entry Name	PSME1_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/psme1-antibody-immunohistochemistry-western-blot-elisa/231540>