

Rabbit anti-Human, Mouse PSME2 Polyclonal Antibody | anti-PSME2 antibody

PSME2 Polyclonal Antibody

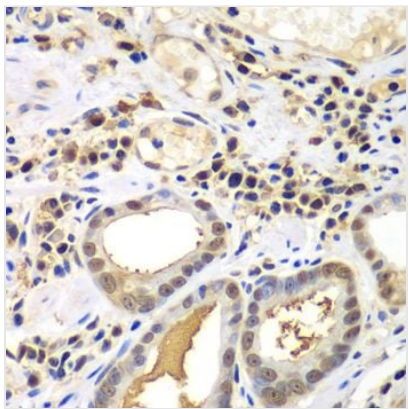
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281127	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

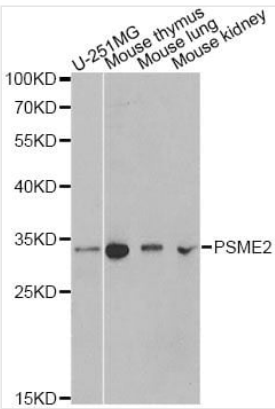
PSME2; Polyclonal Antibody; PSME2 Polyclonal Antibody; PA28B; PA28beta; REGbeta; anti-PSME2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MAKPCGVRLS GEARQVEVF RQNLFQEAE FLYRFLPQKI IYLNQLLQED SLNVADLTSL RAPLDIPIPD PPPKDDEMET DKQEKKEVHK CGFLPGNEKV LSLALVKPE VWTLEKCIL VITWQHLP KIEDGNDFGV AIQEKVLERV NAVKTKVEAF QTTISKYFSE RGDVAKASK ETHVMDYRAL VHERDEAAYG ELRAMVLDLR AFYAELYHII SSNLEKIVNP KGEKPSMY
Sequence Length	239
Applicable Applications for anti-PSME2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PSME2
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using PSME2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PSME2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PSME2 antibody	The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core 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. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase 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. The immunoproteasome contains an alternate regulator, referred to as the 11S regulator or PA28, that replaces the 19S regulator. Three subunits (alpha, beta and gamma) of the 11S regulator have been identified. This gene encodes the beta subunit of the 11S regulator, one of the two 11S subunits that is induced by gamma-interferon. Three beta and three alpha subunits combine to form a heterohexameric ring. Six pseudogenes have been identified on chromosomes 4, 5, 8, 10 and 13.
Product Categories/Family for anti-PSME2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	30410792
NCBI GeneID	5721
NCBI Accession #	NP_002809.2
NCBI GenBank Nucleotide #	NM_002818.2
UniProt Accession #	Q9UL46; Q15129
Molecular Weight	Calculated: 27kDa Observed: 27kDa
NCBI Official Full Name	proteasome activator complex subunit 2
NCBI Official Synonym Full Names	proteasome activator subunit 2
NCBI Official Symbol	PSME2
NCBI Official Synonym Symbols	PA28B; REGbeta; PA28beta
NCBI Protein Information	proteasome activator complex subunit 2
UniProt Protein Name	Proteasome activator complex subunit 2

UniProt Gene Name	PSME2
UniProt Synonym Gene Names	REG-beta; PA28b; PA28beta

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/psme2-antibody-immunohistochemistry-western-blot-elisa/281127>