Rabbit PSME1 Polyclonal Antibody | anti-PSME1 antibody

PSME1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29644	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry, Immunofluorescence**

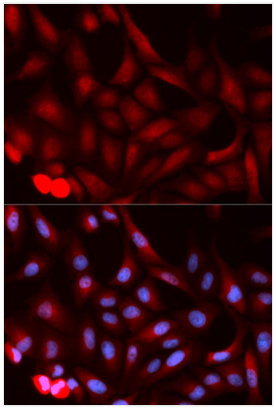
PRODUCT SYNONYMS

PSME1; Polyclonal Antibody; PSME1 Antibody; PA28A; IFI5111; REGalpha; PA28alpha; anti-PSME1 antibody

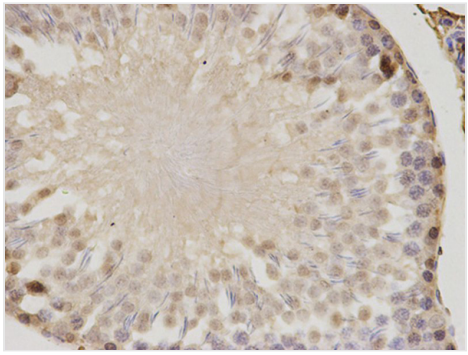
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PSME1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	233
Applicable Applications for anti-PSME1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Western blotting: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PSME1.
Target Name	PSME1
Preparation and Storage	Store at -20 degree C

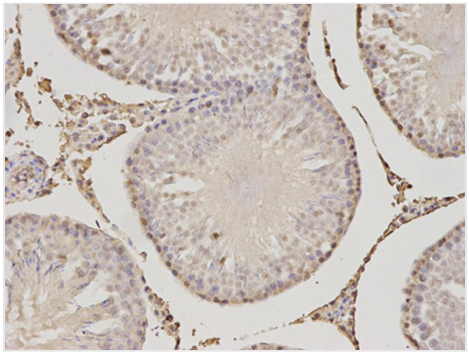
IMAGES



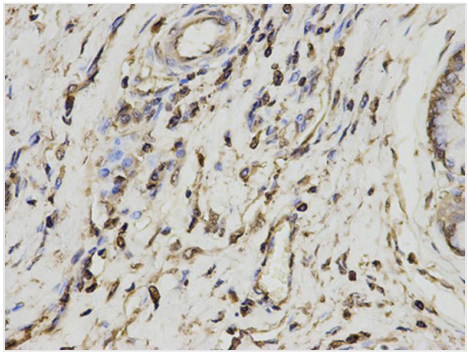
IF (Immunofluorescence)
Immunofluorescence analysis of U20S cell using PSME1 antibody. Blue: DAPI for nuclear staining.



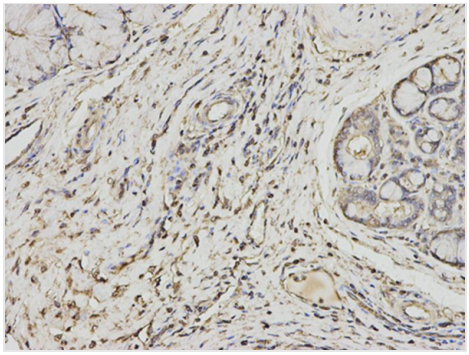
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat testis using PSME1 antibody at dilution of 1:200 (400x lens).



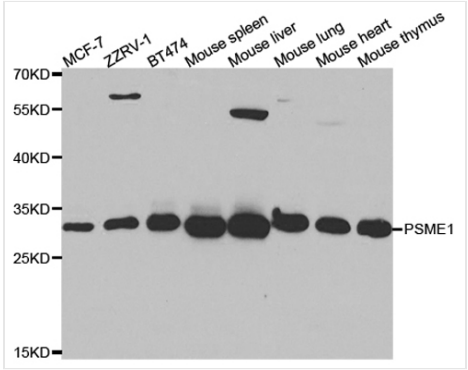
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat testis using PSME1 antibody at dilution of 1:200 (200x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human esophagus using PSME1 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human esophagus using PSME1 antibody at dilution of 1:200 (200x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PSME1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSME1 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 alpha subunit of the 11S regulator, one of the two 11S subunits that is induced by gamma-interferon. Three alpha and three beta subunits combine to form a heterohexameric ring. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-PSME1 antibody	Total protein Ab

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/psme1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29644