

Rabbit PSME3 Polyclonal Antibody | anti-PSME3 antibody

PSME3 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30609	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

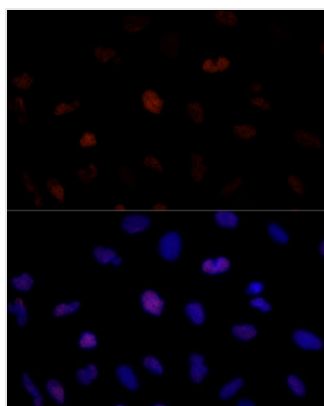
PRODUCT SYNONYMS

PSME3; Polyclonal Antibody; PSME3 Rabbit Polyclonal Antibody; HEL-S-283; Ki; PA28-gamma; PA28G; PA28gamma; REG-GAMMA; anti-PSME3 antibody

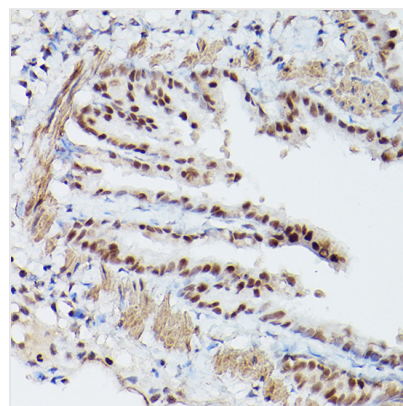
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PSME3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	A synthetic peptide of human PSME3 (NP_005780.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

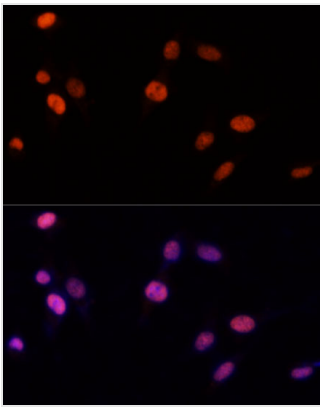
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using PSME3 Polyclonal Antibody.

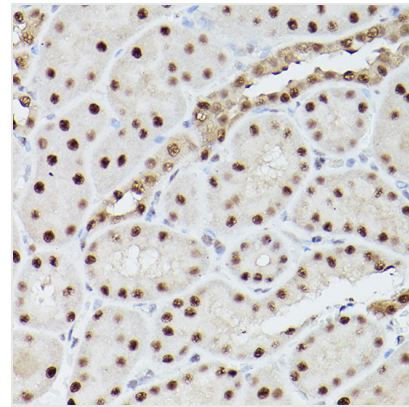

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using PSME3 Rabbit pAb.



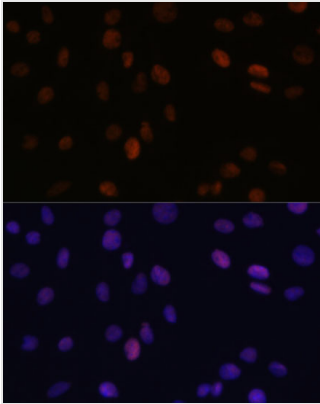
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using PSME3 Polyclonal Antibody.



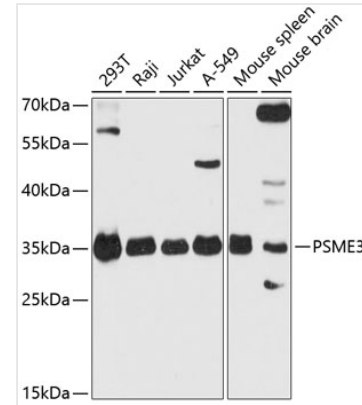
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using PSME3 Rabbit pAb.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using PSME3 Polyclonal Antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSME3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSME3 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 gamma subunit of the 11S regulator. Six gamma subunits combine to form a homohexameric ring. Alternate splicing results in multiple transcript variants.

Product Categories/Family for anti-PSME3 antibody

[Primary Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	388556516
NCBI GeneID	10197
NCBI Accession #	NP_001253974.1
NCBI GenBank Nucleotide #	NM_001267045.1
UniProt Accession #	P61289 ; Q35563 ; P97373 ; Q12920 ; Q13172 ; Q9BQD9 ; A8K9A3
Molecular Weight	29,506 Da

NCBI Official Full Name	proteasome activator complex subunit 3 isoform 3
NCBI Official Synonym Full Names	proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki)
NCBI Official Symbol	PSME3
NCBI Official Synonym Symbols	Ki; PA28G; HEL-S-283; PA28gamma; REG-GAMMA; PA28-gamma
NCBI Protein Information	proteasome activator complex subunit 3; Ki antigen; REG gamma-3; PA28 gamma variant 5; Ki nuclear autoantigen; proteasome activator 28-gamma; 11S regulator complex gamma subunit; 11S regulator complex subunit gamma; epididymis secretory protein Li 283; pr
UniProt Protein Name	Proteasome activator complex subunit 3
UniProt Gene Name	PSME3
UniProt Synonym Gene Names	REG-gamma; PA28g; PA28gamma
UniProt Entry Name	PSME3_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/psme3-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30609>