

Rabbit PSME3 Polyclonal Antibody | anti-PSME3 antibody

PSME3 Antibody - N-terminal region

CATALOG # AAA199674	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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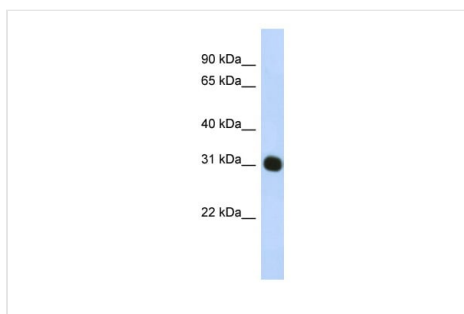
PRODUCT SYNONYMS

PSME3; Polyclonal Antibody; PSME3 Antibody - N-terminal region; anti-PSME3 antibody

PRODUCT SPECIFICATIONS

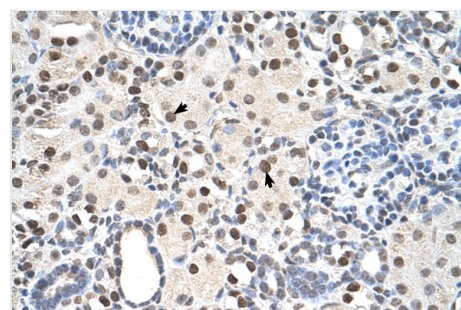
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PI LNIHDLTQIH SDMNLPVPDP ILLTNSHDGL DGPTYKKRRL DECEAFQ
Sequence Length	267
Applicable Applications for anti-PSME3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PSME3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



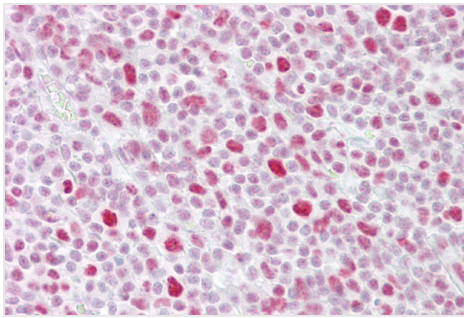
WB (Western Blot)

WB Suggested Anti-PSME3 Antibody Titration: 1 ug/ml
Positive Control: HepG2 cell lysate
PSME3 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



IHC (Immunohistochemistry)

Rabbit Anti-PSME3 Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X



IHC (Immunohistochemistry)
 Sample Type: Human Tonsil
 Anti-PSME3 antibody IHC staining of human tonsil.
 Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PSME3 antibody	This is a rabbit polyclonal antibody against PSME3. It was validated on Western Blot Target Description: The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. 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. PSME3 is the gamma subunit of the 11S regulator. Six gamma subunits combine to form a homohexameric ring.
Product Categories/Family for anti-PSME3 antibody	Polyclonal; RNA Binding Proteins; Drugs and Drug Metabolism; Cell Biology; Immunology; Signal Transduction; Various; E3 & Ubiquitin; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	30410796
NCBI GeneID	10197
NCBI Accession #	NP_789839
NCBI GenBank Nucleotide #	NM_176863
UniProt Accession #	P61289
Molecular Weight	31kDa
NCBI Official Full Name	proteasome activator complex subunit 3 isoform 2
NCBI Official Synonym Full Names	proteasome activator subunit 3
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
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.

