

Rabbit anti-Human PSME4 Polyclonal Antibody | anti-PSME4 antibody

PSME4 Antibody

CATALOG # AAA234999	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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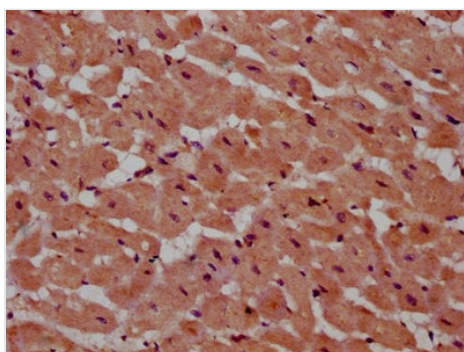
PRODUCT SYNONYMS

PSME4; Polyclonal Antibody; PSME4 Antibody; Proteasome activator complex subunit 4; Proteasome activator PA200; KIAA0077; anti-PSME4 antibody

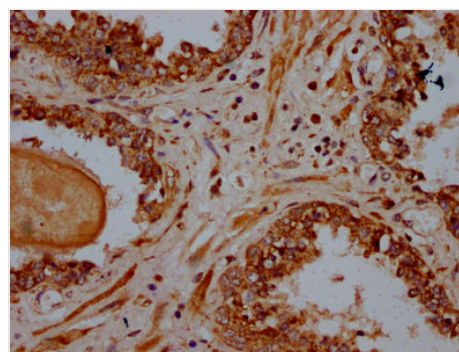
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1843
Applicable Applications for anti-PSME4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Proteasome activator complex subunit 4 protein (105-198AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

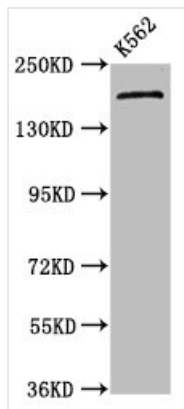
IMAGES


IHC (Immunohistochemistry)

IHC image of AAA234999 diluted at 1:600 and staining in paraffin-embedded human heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.


IHC (Immunohistochemistry)

IHC image of AAA234999 diluted at 1:600 and staining in paraffin-embedded human prostate cancer tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
 Western BlotPositive WB detected in: K562 whole cell lysateAll lanes: PSME4 antibody at 4.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 212, 140, 114, 25 KDaObserved band size: 212 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PSME4 antibody	Associated component of the proteasome that specifically recognizes acetylated histones and promotes ATP- and ubiquitin-independent degradation of core histones during spermatogenesis and DNA damage response. Recognizes and binds acetylated histones via its bromodomain-like (BRDL) region and activates the proteasome by opening the gated channel for substrate entry. Binds to the core proteasome via its C-terminus, which occupies the same binding sites as the proteasomal ATPases, opening the closed structure of the proteasome via an active gating mechanism. Component of the spermatoproteasome, a form of the proteasome specifically found in testis: binds to acetylated histones and promotes degradation of histones, thereby participating actively to the exchange of histones during spermatogenesis. Also involved in DNA damage response in somatic cells, by promoting degradation of histones following DNA double-strand breaks.
Product Categories/Family for anti-PSME4 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	163644283
NCBI GeneID	23198
NCBI Accession #	NP_055429.2
NCBI GenBank Nucleotide #	NM_014614.2
UniProt Accession #	Q14997; Q1XBG4; Q1XBG5; Q1XBG6; Q2M1Z0; Q6IPR2; Q86XF8
Molecular Weight	24,699 Da
NCBI Official Full Name	proteasome activator complex subunit 4
NCBI Official Synonym Full Names	proteasome activator subunit 4
NCBI Official Symbol	PSME4
NCBI Official Synonym Symbols	PA200
NCBI Protein Information	proteasome activator complex subunit 4
UniProt Protein Name	Proteasome activator complex subunit 4
UniProt Gene Name	PSME4
UniProt Synonym Gene Names	KIAA0077

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/psme4-antibody-immunohistochemistry-western-blot-elisa/234999>