Rabbit PSMD12 Polyclonal Antibody | anti-PSMD12 antibody

PSMD12 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175393	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

PSMD12; Polyclonal Antibody; PSMD12 Polyclonal Antibody; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit p55; 26S proteasome regulatory subunit RPN5; MGC75406; P55; Proteasome (prosome; Macropain) 26S subunit; Non ATPase12; Proteasome 26S non ATPase subunit 12 isoform 2; PSD12; Rpn5; anti-PSMD12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.72mg/mL (varies by lot)
Sequence Length	456
Applicable Applications for anti-PSMD12 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human PSMD12
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human tonsil tissue using PSMD12 Polyclonal Antibody at dilution of 1:40(×200

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using PSMD12 Polyclonal Antibody at dilution of 1:40(×200

WB (Western Blot)
Western blot analysis of Rat heart tissue lysate using PSMD12 Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD12 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. This gene encodes a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PSMD12 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506221
NCBI GeneID	5718
NCBI Accession #	NP_002807.1; BC019062
NCBI GenBank Nucleotide #	NP_002807.1
UniProt Accession #	O00232
Molecular Weight	53 kDa
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 12 isoform 1
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 12
NCBI Official Symbol	PSMD12
NCBI Official Synonym Symbols	p55; Rpn5; STISS
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 12
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 12
UniProt Gene Name	**PSMD12**
UniProt Entry Name	PSD12_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/psmd12-antibody-immunohistochemistry-western-blot-elisa/175393