

Datasheet for ABIN6146349
anti-PSMD9 antibody (AA 1-223)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PSMD9
Binding Specificity:	AA 1-223
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-223 of human PSMD9 (NP_002804.2).
Sequence:	MSDEEARQSG GSSQAGVTV SDVQELMRRK EEIEAQIKAN YDVLESQKGI GMNEPLVDCE GYPRSDVDLY QVRTARHNII CLQNDHKAVM KQVEEALHQL HARDKEKQAR DMAEAHKEAM SRKLGQSESQ GPPRAFAKVN SISPGSPASI AGLQVDDEIV EFGSVNTQNF QSLHNIGSVV QHSEGKPLNV TVIRRGEKHQ LRLVPTRWAG KGLLG CNIIP LQR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PSMD9
Alternative Name:	PSMD9 (PSMD9 Products)
Background:	<p>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. Three transcript variants encoding two different isoforms have been found for this gene.,PSMD9,Rpn4,p27,Cell Biology & Developmental Biology,Ubiquitin,PSMD9</p>
Molecular Weight:	13 kDa/22 kDa/24 kDa
Gene ID:	5715
UniProt:	O00233
Pathways:	Positive Regulation of Peptide Hormone Secretion , Negative Regulation of Hormone Secretion , Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA , Ubiquitin Proteasome Pathway

Application Details

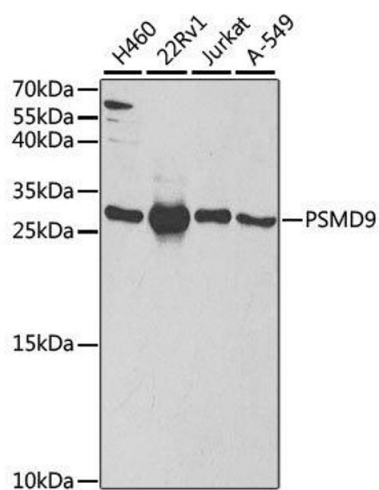
Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

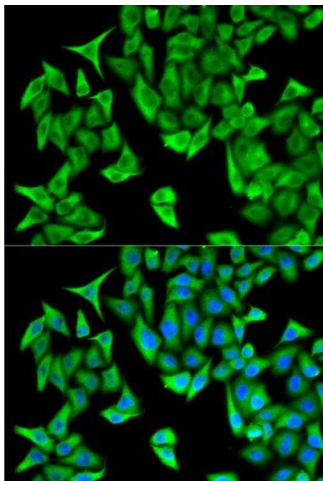
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



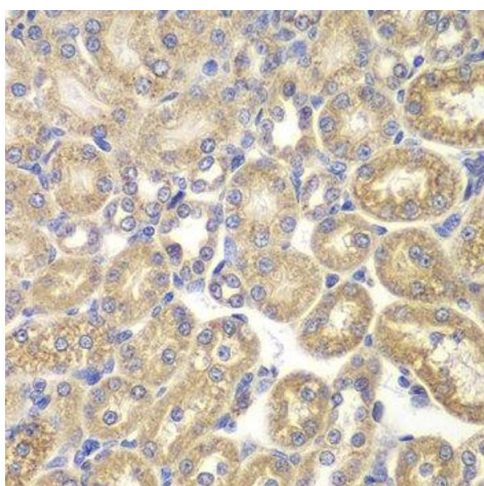
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PSMD9 antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using PSMD9 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded rat kidney using PSMD9 antibody.