

Datasheet for ABIN6146337
anti-PSMD13 antibody (AA 1-250)

5 Images

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Overview

Quantity:	100 µL
Target:	PSMD13
Binding Specificity:	AA 1-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human PSMD13 (NP_002808.3).
Sequence:	MKDVPGLQSQ NSGPGQPA VWHRLEELYT KKLWHQLTLQ VLDFVQDPCF AQGDGLIKLY ENFISEFEHR VNPLSLVEII LHVVRQMTDP NVALTFLEKT REKVKSSDEA VILCKTAIGA LKLNIIGDLQV TKETIEDVEE MLNNLPGVTS VHSRFYDLSS KYYQTIGNHA SYYKDALRFL GCVDIKDLPV SEQQERAFTL GLAGLLGEGV FNFGEMLMHP VLESLRNTDR QWLIDTLYAF NSGNVERFQT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PSMD13
Alternative Name:	PSMD13 (PSMD13 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. Two transcripts encoding different isoforms have been</p> <p>described.,PSMD13,HSPC027,Rpn9,S11,p40.5,Cell Biology & Developmental Biology,Ubiquitin,PSMD13</p>
Molecular Weight:	42 kDa
Gene ID:	5719
UniProt:	Q9UNM6
Pathways:	Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA , Ubiquitin Proteasome Pathway

Application Details

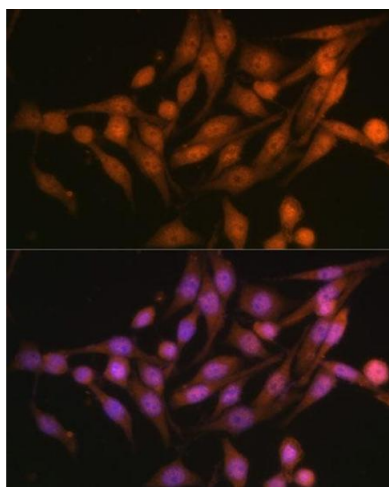
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

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

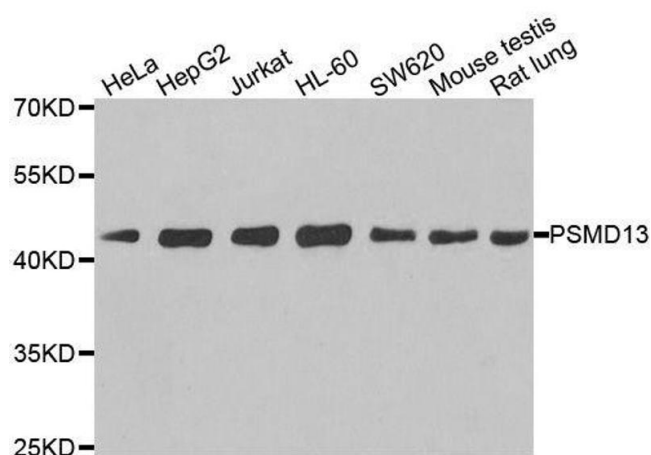
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



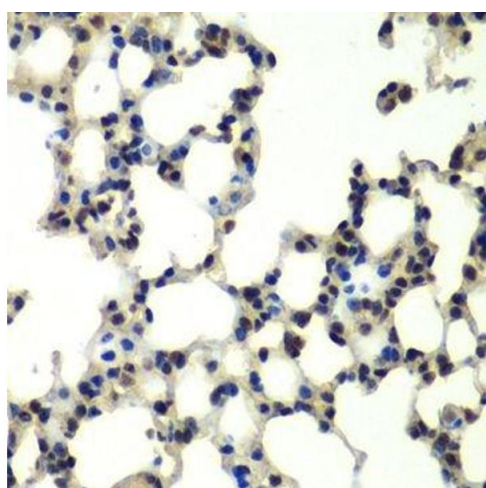
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using PSMD13 Polyclonal Antibody (ABIN6132189, ABIN6146337, ABIN6146339 and ABIN6222707) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PSMD13 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded mouse lung using PSMD13 antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6146337.