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Datasheet for ABIN948339

## anti-PSMD4/ASF antibody (AA 1-377)

2 Images

1 Publication

### Overview

Quantity:	50 µg
Target:	PSMD4/ASF (Psm4)
Binding Specificity:	AA 1-377
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PSMD4/ASF antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human PSMD4 protein.
Immunogen:	PSMD4 (NP_002801.1, 1 a.a. ~ 377 a.a) full-length human protein.
Sequence:	MVLESTMVCV DNSEYMRNGD FLPTRLQAQQ DAVNIVCHSK TRSNPENNVG LITLANDCEV LTTLTPDTGR ILSKLHTVQP KGKITFCTGI RVAHLALKHR QGKNHKMR II AFVGGSPVEDN EKDLVKLAKR LKKEKVNVDI INFGEEEVNT EKLTA FVNTL NGKDG TGS HL VTPPPGPSLA DALISSPILA GEGGAMLGLG ASDFEFGVDP SADPELALAL RVSMEEQRQR QEEEEARRAAA ASAAEAGIAT TGTESSDDAL LKMTISQ QEF GRTGLPDLSS MTEEEQIAYA MQMSLQGAEF GQAESADIDA SSAMDTSEPA KEEDDYDVMQ DPEFLQSVLE NLPGVDPNNE AIRNAMGSLA SQATKDGKKD KKEEDKK
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

## Target Details

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Target:	PSMD4/ASF (Psm�4)
Alternative Name:	PSMD4 ( <a href="#">Psm�4 Products</a> )
Background:	Full Gene Name: proteasome (prosome, macropain) 26S subunit, non-ATPase, 4 Synonyms: AF,AF-1,ASF,MCB1,Rpn10,S5A,pUB-R5
Gene ID:	5710
NCBI Accession:	<a href="#">NM_002810</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a> , <a href="#">Ubiquitin Proteasome Pathway</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

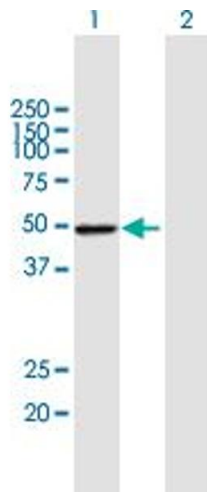
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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in:	Kuzina, Kudriaeva, Smirnov, Dubina, Gabibov, Belogurov: "Glatiramer acetate and nanny proteins restrict access of the multiple sclerosis autoantigen myelin basic protein to the 26S proteasome." in: <b>BioMed research international</b> , Vol. 2014, pp. 926394, (2014) ( <a href="#">PubMed</a> ).
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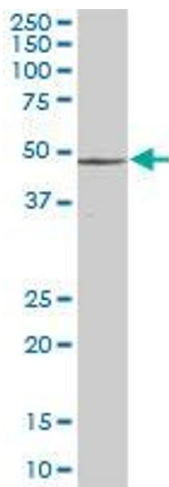


#### Western Blotting

**Image 1.** Western Blot analysis of PSMD4 expression in transfected 293T cell line by PSMD4 MaxPab polyclonal antibody.

Lane 1: PSMD4 transfected lysate(41.47 KDa).

Lane 2: Non-transfected lysate.



#### Western Blotting

**Image 2.** PSMD4 MaxPab polyclonal antibody. Western Blot analysis of PSMD4 expression in K-562.