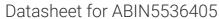
# antibodies .- online.com





## anti-PSMD4/ASF antibody (C-Term)

2 Images

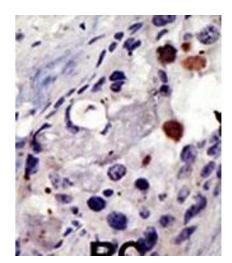


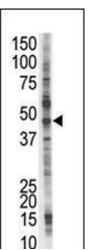
Go to Product page

#### Overview

OVEIVIEW	
Quantity:	400 μL
Target:	PSMD4/ASF (Psmd4)
Binding Specificity:	AA 347-377, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD4/ASF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This PSMD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 347-377 amino acids from the C-terminal region of human PSMD4.
Isotype:	lg Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis
Target Details	
Target:	PSMD4/ASF (Psmd4)
Alternative Name:	PSMD4 (Psmd4 Products)
Background:	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. PSDM4 one of the non-ATPase subunits of the 19S regulator lid.
Molecular Weight:	41 kDa
Gene ID:	5710
UniProt:	P55036
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA, Ubiquitin Proteasome Pathway
Application Details	
Application Notes:	For IHC-P starting dilution is: 1:50~100
	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	2 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care
	should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to
	prolonged high temperatures.





### **Immunohistochemistry**

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. BC = breast carcinoma; HC = hepatocarcinoma.

#### **Western Blotting**

**Image 2.** Antibody is used in Western blot to detect PSMD4 in Jurkat cell lysate.