

Datasheet for ABIN2779618

## anti-PSMD6 antibody (N-Term)



[Go to Product page](#)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	PSMD6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD6 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PSMD6
Sequence:	PLENLEEEGL PKNPDLRIQ LRFLSLPEH RGDAAVRDEL MAAVRDNNMA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against PSMD6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	PSMD6
---------	-------

## Target Details

Alternative Name:	PSMD6 ( <a href="#">PSMD6 Products</a> )
Background:	<p>PSMD6 acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.</p> <p>Alias Symbols: KIAA0107, S10, SGA-113M, p44S10, Rpn7</p> <p>Protein Interaction Partner: UBQLN1, HUWE1, UBC, SUMO2, PSMD14, TP53, SHFM1, PARK2, RNF11, NOS2, PSMD13, PSMD12, PSMD11, PSMD8, PSMD7, PSMD3, PSMD2, PSMD1, PSMC5, PSMC4, PSMC2, PSMD4, PSMC6, PSMC3, PSMC1, PSMB10, PSMB7, PSMB6, PSMB5, PSMB4, PSMB3, PSMB2, PSMB1, PSMA7, PSMA6, PSMA5, P</p> <p>Protein Size: 389</p>
Molecular Weight:	45 kDa
Gene ID:	9861
NCBI Accession:	<a href="#">NM_014814</a> , <a href="#">NP_055629</a>
UniProt:	<a href="#">Q15008</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

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 389 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

## Handling

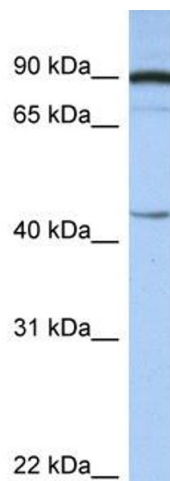
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in: Lind, Svedin, Domsgen, Kapell, Laitinen, Moll, Flodström-Tullberg: "Coxsackievirus counters the host innate immune response by blocking type III interferon expression." in: **The Journal of general virology**, Vol. 97, Issue 6, pp. 1-12, (2016) ([PubMed](#)).

Schulte, Liu, Panas, Thaa, Dickson, Götte, Achour, McInerney: "Combined structural, biochemical and cellular evidence demonstrates that both FGDF motifs in alphavirus nsP3 are required for efficient replication." in: **Open biology**, Vol. 6, Issue 7, (2016) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-PSMD6 Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain