

Datasheet for ABIN2777703  
**anti-PSMD11 antibody (C-Term)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	PSMD11
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Horse, Guinea Pig, Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PSMD11
Sequence:	ALRYAGRQTE ALKCVAQASK NRSLADFEKA LTDYRAELRD DPIISTHLAK
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PSMD11. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	PSMD11
Alternative Name:	PSMD11 ( <a href="#">PSMD11 Products</a> )
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.</p> <p>Alias Symbols: S9, Rpn6, p44.5</p> <p>Protein Interaction Partner: HUWE1, SUMO2, SUMO3, PSMD14, UBC, MDM2, ASB11, SHFM1, PSMC2, PSMC1, RPS8, PSMD12, PSMD8, PSMD3, PSMD1, PSMC6, PSMC5, KCMF1, PRMT6, UCHL5, KIAA0368, ADRM1, RPS21, RPS15A, PARK2, RNF11, NOS2, SMAD5, SMAD4, SMAD3, SMAD2, SMAD1, FN1, CFTR, VCAM1, LRRK2, env,</p> <p>Protein Size: 422</p>
Molecular Weight:	47 kDa
Gene ID:	5717
NCBI Accession:	<a href="#">NM_002815</a> , <a href="#">NP_002806</a>
UniProt:	<a href="#">O00231</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:	<p>WB Suggested Anti-PSMD11 Antibody Titration: 5.0 µg/mL</p> <p>Positive Control: Human brain.</p> <p>Optimal working dilutions should be determined experimentally by the investigator.</p>
Comment:	Antigen size: 422 AA
Restrictions:	For Research Use only

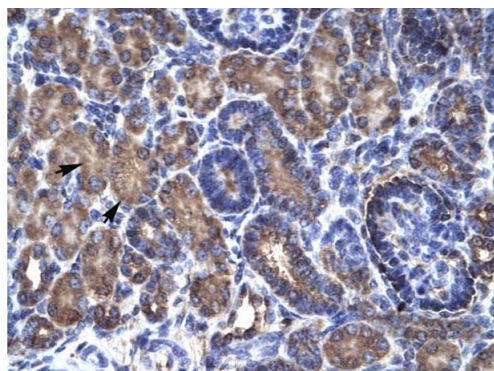
## Handling

Format:	Liquid
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## Handling

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
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.

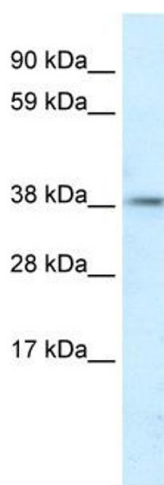
## Images



Rabbit Anti-PSMD11 Antibody  
Catalog Number: ARP33002  
Lot Number: QC2398  
Paraffin Embedded Tissue: Human Kidney  
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

**Image 1.** Human kidney



### Western Blotting

**Image 2.** WB Suggested Anti-PSMD11 Antibody Titration:  
5.0ug/ml Positive Control: Human brain