

For Research Use Only

# PSMD1 Polyclonal antibody

Catalog Number: 17709-1-AP



## Basic Information

<b>Catalog Number:</b> 17709-1-AP	<b>GenBank Accession Number:</b> BC094720	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 5707	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99460	
<b>Isotype:</b> IgG	<b>Full Name:</b> proteasome (prosome, macropain) 26S subunit, non-ATPase, 1	
<b>Immunogen Catalog Number:</b> AG12009	<b>Calculated MW:</b> 953 aa, 106 kDa	
	<b>Observed MW:</b> 102 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

PSMD1 is a component of the 26S proteasome and contributes to its function regulation. PSMD1 performs an important role in the regulation of numerous cellular processes through the degradation of proteins targeted for breakdown through ubiquitin. PSMD1 has been found to be closely related to a variety of cancers such as lung adenocarcinoma and breast cancer.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

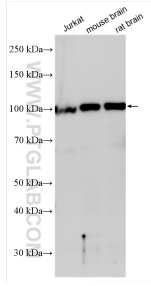
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17709-1-AP (PSMD1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.