

For Research Use Only

# PSMC1 Polyclonal antibody

Catalog Number: 11196-1-AP **5 Publications**



## Basic Information

<b>Catalog Number:</b> 11196-1-AP	<b>GenBank Accession Number:</b> BC016368	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5700	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> proteasome (prosome, macropain) 26S subunit, ATPase, 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 49 kDa	
<b>Immunogen Catalog Number:</b> AG1677	<b>Observed MW:</b> 52-57 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, A549 cells, HeLa cells, Jurkat cells, mouse lung tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, rat, mouse	

## Background Information

PSMC1(26S protease regulatory subunit 4) is also named as p26s4 and belongs to the AAA ATPase family. The 26S protease is involved in the ATP-dependent degradation of ubiquitinated proteins. The regulatory (or ATPase) complex confers ATP dependency and substrate specificity to the 26S complex.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jayashree Chadchankar	31703099	PLoS One	WB
Diego Sbardella	29594388	Cell Mol Life Sci	
Ruizhu Zhang	38019907	Sci Adv	WB

## Storage

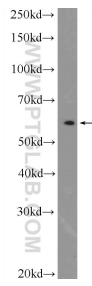
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11196-1-AP (PSMC1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.