

For Research Use Only

# PSMC1 Polyclonal antibody

Catalog Number: 11196-1-AP

6 Publications



## Basic Information

Catalog Number:

11196-1-AP

Size:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1677

GenBank Accession Number:

BC016368

GeneID (NCBI):

5700

UNIPROT ID:

P62191

Full Name:

proteasome (prosome, macropain)

26S subunit, ATPase, 1

Calculated MW:

49 kDa

Observed MW:

52-57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : mouse brain tissue, A549 cells, HeLa cells, Jurkat cells, mouse lung tissue

IHC : mouse cerebellum tissue,

## 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	
Yu Feng	39138149	Cell Death Dis	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

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

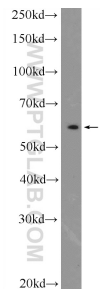
T: 4006900926

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

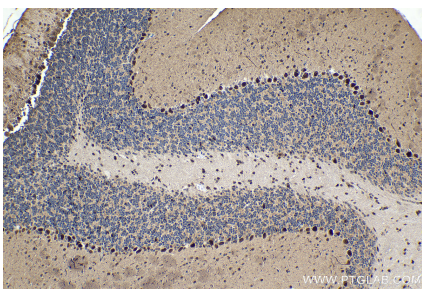
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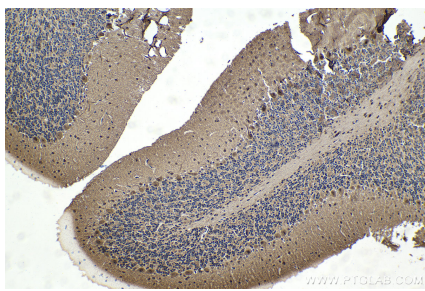
Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 11196-1-AP (PSMC1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 11196-1-AP (PSMC1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).