

For Research Use Only

PSMC1 Polyclonal antibody

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



Basic Information

Catalog Number:

11196-1-AP

Size:

350 µg/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

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Positive Controls:

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

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

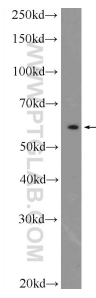
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E: Proteintech-CN@ptglab.com

W: ptgcn.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.