

For Research Use Only

# PSMD10/Gankyrin Recombinant antibody

Catalog Number: 86120-2-RR



## Basic Information

Catalog Number:

86120-2-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2994

GenBank Accession Number:

BC011960

GeneID (NCBI):

5716

UNIPROT ID:

O75832

Full Name:

proteasome (prosome, macropain)

26S subunit, non-ATPase, 10

Calculated MW:

226 aa, 24 kDa

Observed MW:

24-28 kDa

Purification Method:

Protein A purification

CloneNo.:

250170D7

Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: A549 cells, HEK-293 cells, HeLa cells, PC-3 cells, K-562 cells

## Background Information

PSMD10, also known as Gankyrin, is a subunit of the 19S regulatory particle of the proteasome and plays a crucial role in protein degradation. It is a small, 25 kDa cytoplasmic-nuclear shuttling protein, highly conserved throughout evolution (~40% identity to yeast Nas6p). PSMD10 is involved in the regulation of cell cycle progression and apoptosis by interacting with key proteins such as p53 and Rb. PSMD10 has been identified as an oncoprotein, promoting tumor cell proliferation and survival in various cancers (PMID: 16581249, PMID: 31576540).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

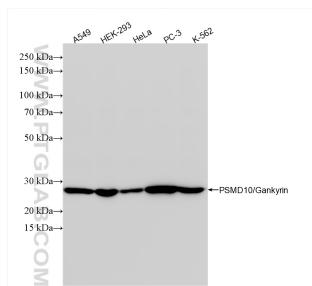
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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 86120-2-RR (PSMD10/Gankyrin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.