

For Research Use Only

# PSMD10/Gankyrin Polyclonal antibody

Catalog Number: 12342-2-AP

4 Publications



## Basic Information

Catalog Number:

12342-2-AP

Size:

150ul, Concentration: 1100 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

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:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:250-1:1000

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, mouse

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

IHC : mouse skin tissue, human urothelial carcinoma tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhaoqiang Yin	36121635	Appl Biochem Biotechnol	WB
Yi-Chao Lee	30404641	J Biomed Sci	WB
Chaojun Yan	37589705	Elife	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

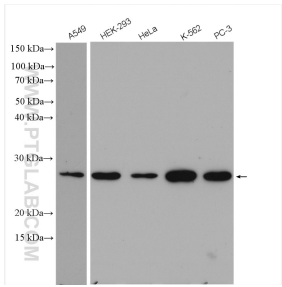
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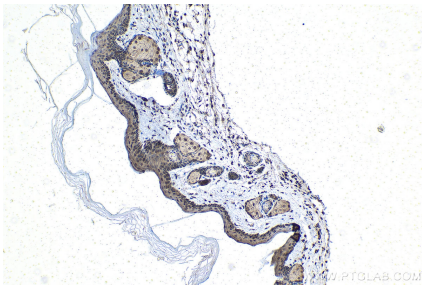
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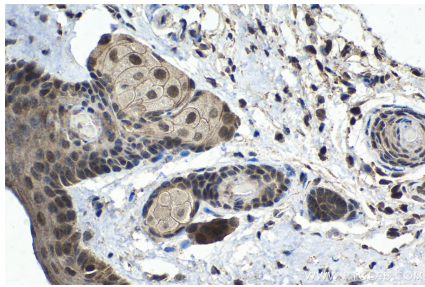
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12342-2-AP (PSMD10/Gankyrin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 12342-2-AP (PSMD10/Gankyrin antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 12342-2-AP (PSMD10/Gankyrin antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).