

For Research Use Only

RPN2 Polyclonal antibody

Catalog Number: 10576-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

10576-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0862

GenBank Accession Number:

BC003560

GeneID (NCBI):

6185

UNIPROT ID:

P04844

Full Name:

ribophorin II

Calculated MW:

69 kDa

Observed MW:

68-69 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, RIP, IHC

Species Specificity:

human, mouse, rat

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 : NIH/3T3 cells,

IP : NIH/3T3 cells,

IHC : human lung cancer tissue, human ovary tumor tissue

Background Information

RPN2 (Ribophorin II), an integral rough ER membrane glycoprotein, is part of an N-oligosaccharyl transferase complex and is involved in translocation and the maintenance of the structural uniqueness of the rough ER. RPN2 expression has been reported to be significantly associated with solid cancers, including breast cancer, esophageal squamous cell carcinoma, colorectal cancer, and lung squamous cell carcinoma.

Notable Publications

Author	Pubmed ID	Journal	Application
Chenglin Han	33727825	Onco Targets Ther	IHC
Feilong Hong	29942140	Onco Targets Ther	WB, IHC
Boyan Li	36168628	Theranostics	RIP

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:

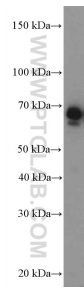
T: 4006900926

E: Proteintech-CN@ptglab.com

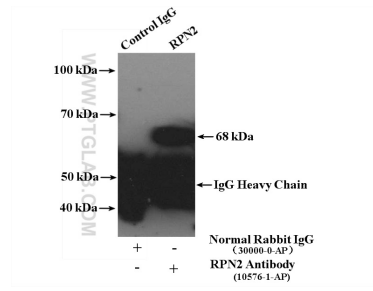
W: ptgcn.com

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

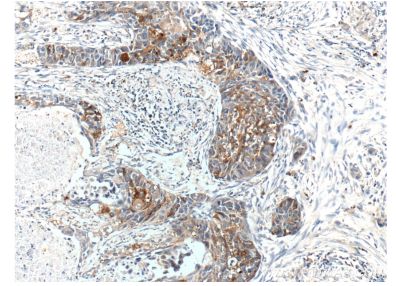
Selected Validation Data



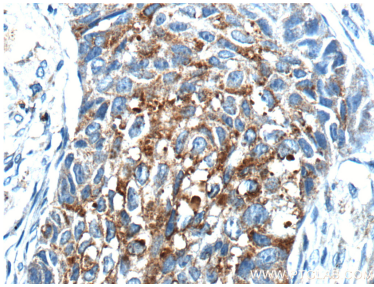
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 10576-1-AP (RPN2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-RPN2 (IP:10576-1-AP, 4ug; Detection:10576-1-AP 1:700) with NIH/3T3 cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10576-1-AP (RPN2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10576-1-AP (RPN2 Antibody) at dilution of 1:200 (under 40x lens).