

For Research Use Only

GPRIN1 Polyclonal antibody

Catalog Number: 13771-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

13771-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4754

GenBank Accession Number:

BC052950

GeneID (NCBI):

114787

UNIPROT ID:

Q7Z2K8

Full Name:

G protein regulated inducer of neurite outgrowth 1

Calculated MW:

1008 aa, 102 kDa

Observed MW:

100-110 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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse brain tissue,

IP : mouse brain tissue,

Background Information

GPRIN1 (G protein-regulated inducer of neurite outgrowth 1), also named GRIN1, may be involved in neurite outgrowth. Western blotting analysis has confirmed its expression in mouse neuroblastoma and rat pheochromocytoma cells. And both GPRIN1 and GNAO1 are membrane-bound proteins that are enriched in the growth cones of neurites (PMID:10480904). It has 2 isoforms produced by alternative splicing. This antibody detects GRIN1 at bands around 110 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Hongbo Wang	29581737	Exp Ther Med	WB
Stephan Tetenborg	39651118	bioRxiv	IF
Camille N Pujol	32047117	Sci Signal	WB,IHC,IF

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:

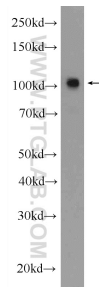
T: 4006900926

E: Proteintech-CN@ptglab.com

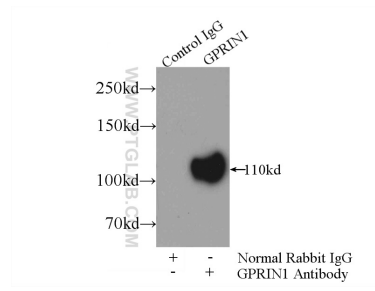
W: ptgcn.com

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

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 13771-1-AP (GPRIN1 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-GPRIN1 (IP:13771-1-AP, 3ug; Detection:13771-1-AP 1:500) with mouse brain tissue lysate 3600ug.