

For Research Use Only

GPRIN1 Polyclonal antibody, PBS Only

Catalog Number: 13771-1-PBS

Featured Product



Basic Information

Catalog Number:

13771-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

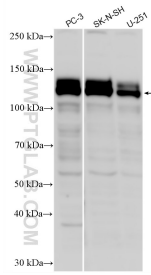
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

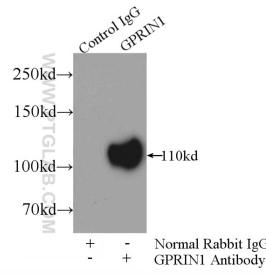
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13771-1-AP (GPRIN1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13771-1-PBS in a different storage buffer formulation.



IP result of anti-GPRIN1 (IP:13771-1-AP, 3ug; Detection:13771-1-AP 1:500) with mouse brain tissue lysate 3600ug. This data was developed using the same antibody clone with 13771-1-PBS in a different storage buffer formulation.