

For Research Use Only

GPR151 Polyclonal antibody

Catalog Number: 30104-1-AP



Basic Information

Catalog Number:

30104-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32442

GenBank Accession Number:

NM_194251

GeneID (NCBI):

134391

UNIPROT ID:

Q8TDV0

Full Name:

G protein-coupled receptor 151

Calculated MW:

47kd

Observed MW:

46 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, K-562 cells

Background Information

G protein-coupled receptors (GPCRs) are a superfamily of cell-surface receptors which are important for intracellular signal transduction. GPR151 (G protein-coupled receptor 151) is highly enriched in the the medial and lateral habenula and is expressed at presynaptic membranes and synaptic vesicles (PMID: 32098843). GPR151 has been reported to play an important role in modulating neuropathic pain and controlling nicotine addiction vulnerability (PMID: 32098843,34244727,30373770).

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:

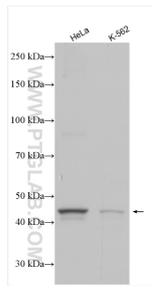
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30104-1-AP (GPR151 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.