

For Research Use Only

# GPR151 Polyclonal antibody, PBS Only

Catalog Number:30104-1-PBS



## Basic Information

Catalog Number:

30104-1-PBS

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

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

## 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

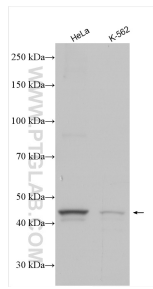
T: 4006900926

E: Proteintech-CN@ptglab.com

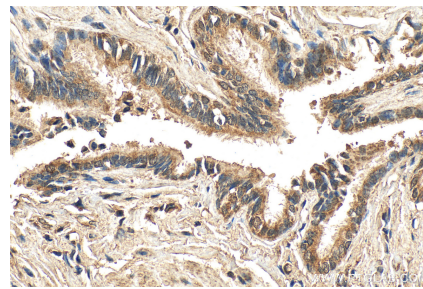
W: ptgcn.com

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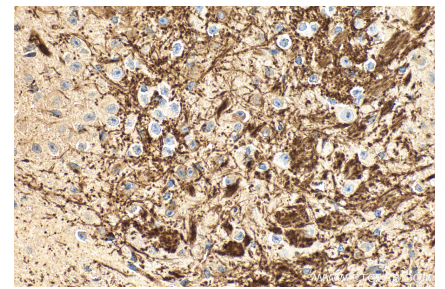
## Selected Validation Data



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. This data was developed using the same antibody clone with 30104-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 30104-1-AP (GPR151 antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 30104-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 30104-1-AP (GPR151 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer(pH9). This data was developed using the same antibody clone with 30104-1-PBS in a different storage buffer formulation.