

For Research Use Only

# GPR179 Polyclonal antibody, PBS Only

Catalog Number: 29934-1-PBS



## Basic Information

Catalog Number:

29934-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32180

GenBank Accession Number:

NM\_001004334.3

GeneID (NCBI):

440435

UNIPROT ID:

Q6PRD1

Full Name:

G protein-coupled receptor 179

Calculated MW:

257 kDa

Observed MW:

260-270 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

GPR179 (Probable G-protein coupled receptor 179) belongs to the glutamate receptor subfamily of GPCRs, which is involved in signal transduction through retinal depolarizing bipolar cells. The protein has an EGF-like calcium binding domain and a seven transmembrane domain in the N-terminal region of the protein. Mutations in this gene are associated with congenital stationary night blindness type 1E. GPR179 is expressed in retinal bipolar cells and upregulated in rd1 mice retina with Pde6b mutations (PubMed: 22325361, PubMed: 22325362).

## 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

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

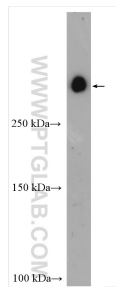
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

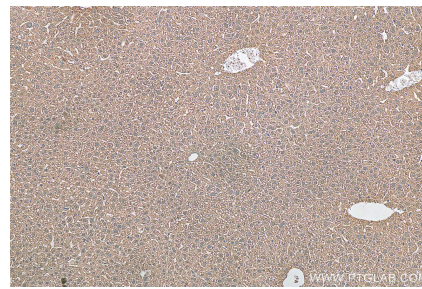
W: [ptgcn.com](http://ptgcn.com)

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

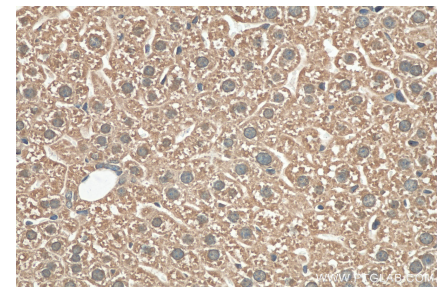
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 29934-1-AP (GPR179 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29934-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 29934-1-AP (GPR179 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29934-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 29934-1-AP (GPR179 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29934-1-PBS in a different storage buffer formulation.