

For Research Use Only

GPR83 Recombinant monoclonal antibody

Catalog Number: 87758-1-RR



Basic Information

Catalog Number:

87758-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC067473

GeneID (NCBI):

10888

UNIPROT ID:

Q9NYM4

Full Name:

G protein-coupled receptor 83

Calculated MW:

423 aa, 48 kDa

Observed MW:

52 kDa

Purification Method:

Protein A purification

CloneNo.:

253209E5

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, fetal human brain tissue, rat brain tissue

Background Information

GPR83 is a class A GPCR expressed in both hypothalamic neuronal circuits and regulatory T cells, linking it to energy balance, stress responses, and immune regulation. Although its endogenous ligands and signaling mechanisms remain incompletely defined, GPR83 is increasingly recognized as a context-dependent modulator of Treg-associated immune tolerance and neuroendocrine control of metabolism. These features position GPR83 as an emerging target in metabolic and immunoregulatory research.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

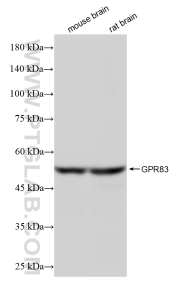
T: 4006900926

E: Proteintech-CN@ptglab.com

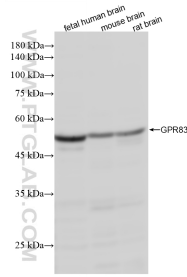
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87758-1-RR (GPR83 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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