

For Research Use Only

GPR83 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87758-1-PBS



Basic Information

Catalog Number:

87758-1-PBS

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -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:

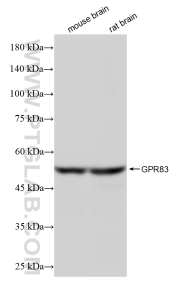
T: 4006900926

E: Proteintech-CN@ptglab.com

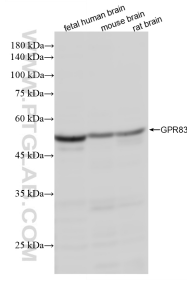
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87758-1-RR (GPR83 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87758-1-PBS in a different storage buffer formulation.



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