

For Research Use Only

GPR83 Recombinant monoclonal antibody

Catalog Number: 87758-1-RR



Basic Information

Catalog Number: 87758-1-RR	GenBank Accession Number: BC067473	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10888	CloneNo.: 253209E5
Source: Rabbit	UNIPROT ID: Q9NYM4	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: G protein-coupled receptor 83	
	Calculated MW: 423 aa, 48 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, fetal human brain tissue, rat brain tissue
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 -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

*** 20ul sizes contain 0.1% BSA

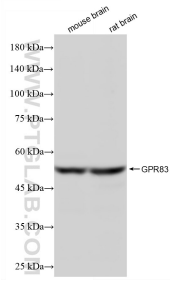
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

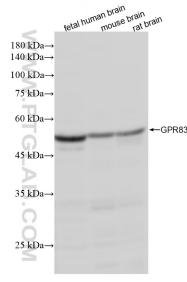
E: proteintech@ptglab.com
W: ptglab.com

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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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