

For Research Use Only

GPR17 Recombinant antibody

Catalog Number: 86089-1-RR



Basic Information

Catalog Number: 86089-1-RR	GenBank Accession Number: BC031653	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2840	CloneNo.: 250471E11
Source: Rabbit	UNIPROT ID: Q13304	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: G protein-coupled receptor 17	
Immunogen Catalog Number: AG4106	Calculated MW: 367 aa, 41 kDa	
	Observed MW: 48 kDa	

Applications

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

Background Information

GPR17 is a G protein-coupled receptor (GPCR) that plays a significant role in various physiological processes, particularly in the central nervous system (CNS). GPR17 is considered a modulator of CNS myelination and is involved in reconstructing and repairing demyelinating plaques caused by ongoing inflammatory processes, such as in multiple sclerosis (MS). It is present in nerve cells and precursor oligodendrocyte cells, playing a role in the differentiation and maturation of oligodendrocytes (PMID: 32182666). GPR17 is a multifaceted GPCR with implications in immune regulation, glucose metabolism, neurodegenerative diseases, and potentially in treating anxiety disorders.

Storage

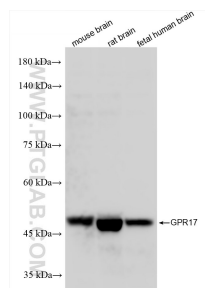
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 86089-1-RR (GPR17 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.