For Research Use Only

GPR17 Recombinant antibody, PBS Only

Catalog Number:86089-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
86089-1-PBS

Concentration:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG4106

GenBank Accession Number:
BC031653

GeneID (NCBI):
2840

UNIPROT ID:
Q13304

Full Name:
G protein-coupled receptor 17

Calculated MW:
367 aa, 41 kDa

Observed MW:
48 kDa

Purification Method:
Protein A purification

CloneNo.:
250471E11

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

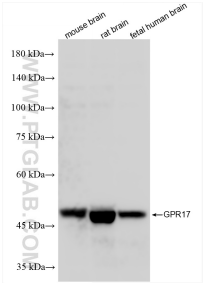
GPR17 is a G protein-coupled receptor (GPCR) that plays a significant role in various physiological processes, particularly in the central nervous system (CNS). GPR17 is considered a modulator of CNS myelination and is involved in reconstructing and repairing demyelinating plaques caused by ongoing inflammatory 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 -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

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. This data was developed using the same antibody clone with 86089-1-PBS in a different storage buffer formulation.