

For Research Use Only

GPR45 Recombinant antibody

Catalog Number: 84587-1-RR



Basic Information

Catalog Number:

84587-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC066879

GeneID (NCBI):

11250

UNIPROT ID:

Q9Y5Y3

Full Name:

G protein-coupled receptor 45

Calculated MW:

370 aa, 42 kDa

Observed MW:

42 kDa

Purification Method:

Protein A purification

CloneNo.:

241776D3

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:300-1:1200

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse brain tissue, unboiled mouse brain tissue, rat brain tissue

IHC : mouse brain tissue,

Background Information

GPR45 (G-protein coupled receptor 45) is a member of the G protein-coupled receptor (GPCR) family. Members of this protein family contain seven putative transmembrane domains and may mediate signaling processes to the interior of the cell via activation of heterotrimeric G proteins. GPR45 may function in the central nervous system.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

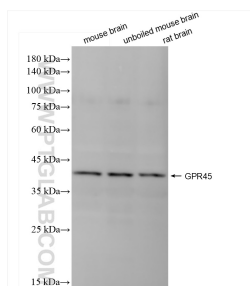
T: 4006900926

E: Proteintech-CN@ptglab.com

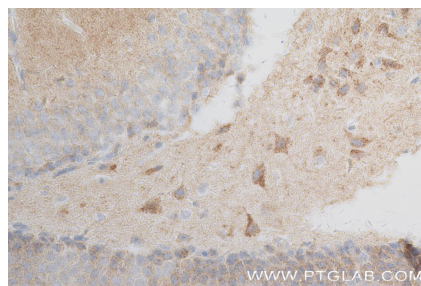
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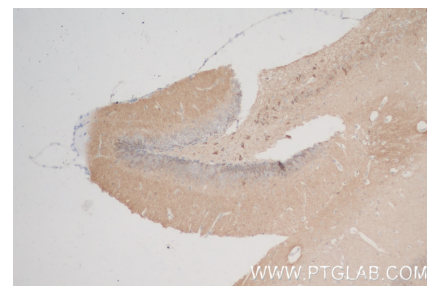
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84587-1-RR (GPR45 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 84587-1-RR (GPR45 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 84587-1-RR (GPR45 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).