

For Research Use Only

# GPR45 Recombinant antibody, PBS Only

Catalog Number: 84587-1-PBS



## Basic Information

**Catalog Number:**

84587-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, IHC, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## 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 -80°C.

**Storage Buffer:**

PBS Only

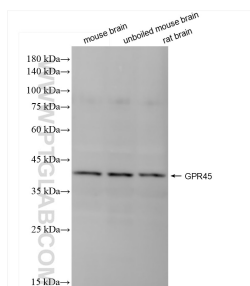
For technical support and original validation data for this product please contact:

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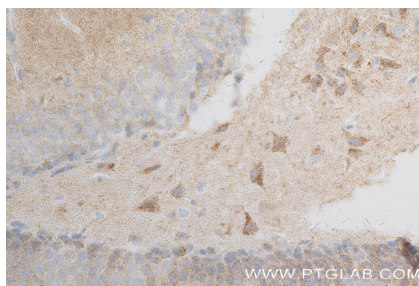
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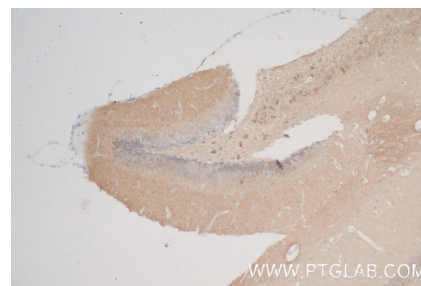
## Selected Validation Data



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. This data was developed using the same antibody clone with 84587-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84587-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84587-1-PBS in a different storage buffer formulation.