

For Research Use Only

GPR52 Polyclonal antibody, PBS Only

Catalog Number:30863-1-PBS



Basic Information

Catalog Number:

30863-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31188

GenBank Accession Number:

BC067456

GeneID (NCBI):

9293

UNIPROT ID:

Q9Y2T5

Full Name:

G protein-coupled receptor 52

Calculated MW:

361 aa, 41 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

GPR52, or G protein-coupled receptor 52, is an orphan G protein-coupled receptor (GPCR) that constitutively increases cellular cAMP levels and is coupled to the Gs protein, which activates adenylyl cyclase. Agonism of GPR52 has been proposed as a therapeutic intervention for the psychotic and cognitive aspects of schizophrenia. Its role in modulating neurotransmission and the identification of ligands that can interact with it highlight its potential in therapeutic development.

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

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

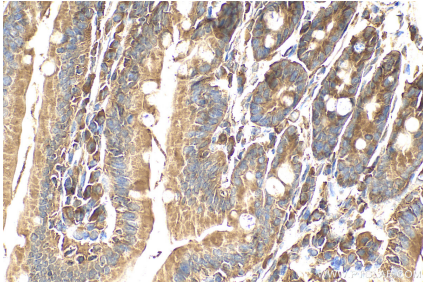
T: 4006900926

E: Proteintech-CN@ptglab.com

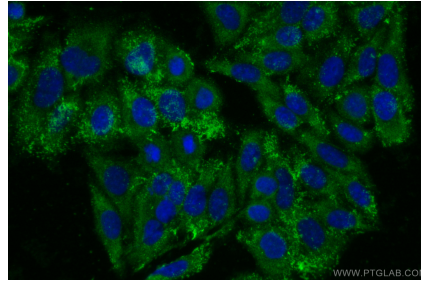
W: ptgcn.com

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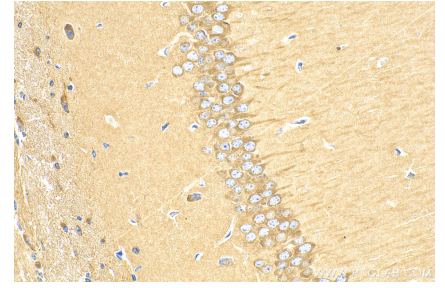
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 30863-1-AP (GPR52 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30863-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using GPR52 antibody (30863-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 30863-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 30863-1-AP (GPR52 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30863-1-PBS in a different storage buffer formulation.