

For Research Use Only

GNGT2 Polyclonal antibody

Catalog Number: 11988-1-AP

1 Publications



Basic Information

Catalog Number:

11988-1-AP

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2618

GenBank Accession Number:

BC008663

GeneID (NCBI):

2793

UNIPROT ID:

O14610

Full Name:

guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2

Calculated MW:

69 aa, 8 kDa

Observed MW:

8 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

mouse

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 retina tissue,

IHC : mouse eye tissue,

Background Information

GNGT2, also known as GNG8, GNG9 and GNGT8, belongs to the G protein gamma family. Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. This antibody has weak cross-reactivity of GNGT1 protein, as the immunogen of GNGT2 shares about 65% homology with GNGT1.

Notable Publications

Author	Pubmed ID	Journal	Application
Liping Ma	39746565	Toxicology	WB

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:

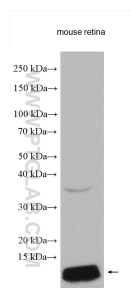
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

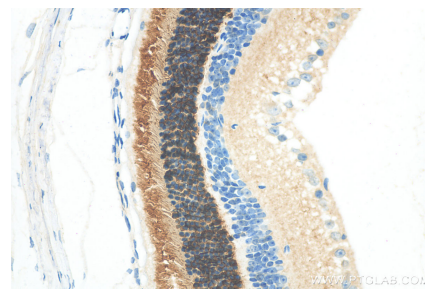
Selected Validation Data



Mouse retina tissue were subjected to SDS PAGE followed by western blot with 11988-1-AP (GNGT2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 11988-1-AP (GNGT2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 11988-1-AP (GNGT2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).