For Research Use Only

GNGT2 Recombinant antibody

Catalog Number:86284-1-RR

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Basic Information

Catalog Number:
86284-1-RR

Concentration:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG4093

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:
Protein A purification

CloneNo.:
250794F8

Recommended Dilutions:
WB: 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse retina tissue, rat retina tissue

Background Information

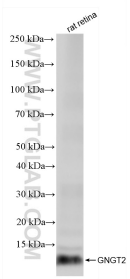
GNGT2, also known as GNG8, GNG9 and GNGT8, belongs to the G protein gamma family. Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP 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.

Storage

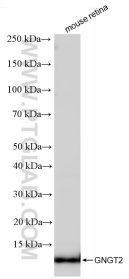
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



rat retina tissue were subjected to SDS PAGE followed by western blot with 86284-1-RR (GNGT2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



mouse retina tissue were subjected to SDS PAGE followed by western blot with 86284-1-RR (GNGT2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.