

For Research Use Only

GNGT1 Polyclonal antibody

Catalog Number: 11884-1-AP



Basic Information

Catalog Number:

11884-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 507 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2488

GenBank Accession Number:

BC029367

GeneID (NCBI):

2792

UNIPROT ID:

P63211

Full Name:

guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1

Calculated MW:

74 aa, 8 kDa

Observed MW:

8 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse eye tissue,

IF/ICC : HeLa cells,

Background Information

G protein subunit gamma-T1(GNGT1) is encoded by the transducin gamma-subunit gene, which localized on human chromosome 7q21.3, participating in various transmembrane signaling systems. Particularly, GNGT1 gene is specific to retinal rod photoreceptors. Present polyclonal anti-GNGT1 antibody (11884-1-AP) is produced by immunizing rabbits with full-length chain of GNGT1 and detects an 8 kDa band in mouse retinal tissue.

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

*** 20ul sizes contain 0.1% BSA

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

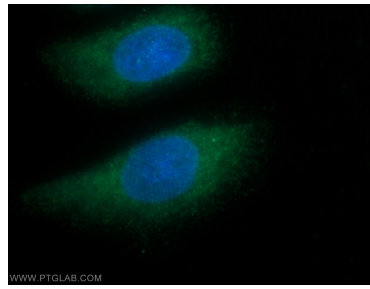
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



mouse eye tissue were subjected to SDS PAGE followed by western blot with 11884-1-AP (GNGT1 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 11884-1-AP (GNGT1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).