

For Research Use Only

GPR50 Polyclonal antibody

Catalog Number: 21514-1-AP



Basic Information

Catalog Number:

21514-1-AP

Size:

150ul, Concentration: 700 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16040

GenBank Accession Number:

BC103696

GeneID (NCBI):

9248

Full Name:

G protein-coupled receptor 50

Calculated MW:

617 aa, 67 kDa

Observed MW:

67 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IF 1:20-1:200

Applications

Tested Applications:

FC, IF, IP, WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HEK-293 cells, HeLa cells

IP : HeLa cells,

IF : SH-SY5Y cells, mouse Hippocampus tissue

Background Information

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

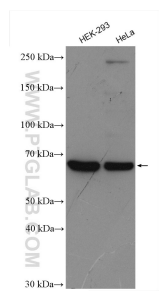
For technical support and original validation data for this product please contact:

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

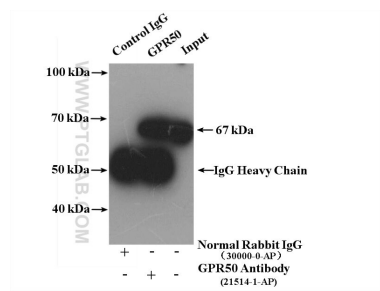
E: proteintech@ptglab.com
W: ptglab.com

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

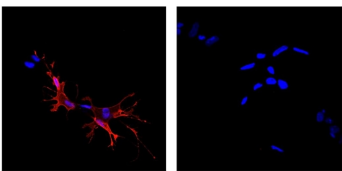
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21514-1-AP (GPR50 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.

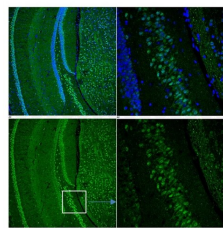


HeLa cells were subjected to SDS PAGE followed by western blot with 21514-1-AP (GPR50 antibody) at dilution of 1:500.



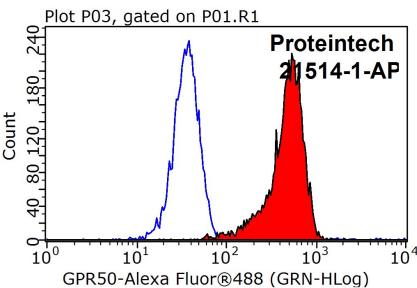
1:1000
No primary antibody control
Sample: SH-SY5Y cells, GPR50 transfected
optimal dilution: 1 in 1000

IF result of GPR50 antibody (21514-1-AP, 1:1,000) with SH-SY5Y cells transfected with GPR50 by Dr. Qian Li, University of Edinburgh.



Hippocampus, C57 BL/6 mouse, adult
Optimal dilution: 1 in 50

IF result of GPR50 antibody (21514-1-AP, 1:50) with mouse hippocampus by Dr. Qian Li, University of Edinburgh.



1X10⁶ K-562 cells were stained with 0.2ug GPR50 antibody (21514-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.