For Research Use Only

GPR107 Polyclonal antibody

Catalog Number:25076-1-AP Featured Product 6 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
25076-1-AP

Size:
150ul , Concentration: 900 ug/ml by Nanodrop and 347 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG18649

GenBank Accession Number:
BC110518

GeneID (NCBI):
57720

UNIPROT ID:
Q5VW38

Full Name:
G protein-coupled receptor 107

Calculated MW:
552 aa, 67 kDa

Observed MW:
60-67 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IF/ICC 1:10-1:100

Applications

Tested Applications:
WB, IF/ICC, ELISA

Cited Applications:
WB, IHC, IF

Species Specificity:
human, mouse

Cited Species:
human, mouse

Positive Controls:

WB : HEK-293 cells, mouse cerebellum tissue

IF/ICC : HEK-293 cells,

Background Information

GPR107 also named as KIAA1624 or LUSTR1 is 600 amino acid protein, which belongs to the LU7TM family. GPR107 localizes in membrane and is a multi-pass membrane protein. GPR107 is a promising candidate receptor for neuronostatin, and neuronostatin, interacting with GPR107, may play an important role in the central control of cardiovascular function.

Notable Publications

Author	Pubmed ID	Journal	Application
Yu-Shiuan Cheng	34799735	Nat Chem Biol	WB
Guanqun Huang	29925408	J Exp Clin Cancer Res	WB,IHC,IF
Shaobin Yang	30753874	Behav Brain Res	WB

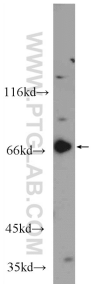
Storage

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

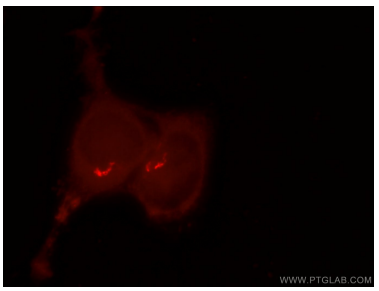
*** 20ul sizes contain 0.1% BSA

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

Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 25076-1-AP (GPR107 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HEK-293 cells using 25076-1-AP (GPR107 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.