

For Research Use Only

GPR107 Polyclonal antibody

Catalog Number: 25076-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

25076-1-AP

Concentration:

900 ug/ml

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 1:300-1:1200

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

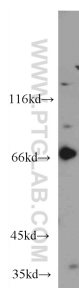
T: 4006900926

E: Proteintech-CN@ptglab.com

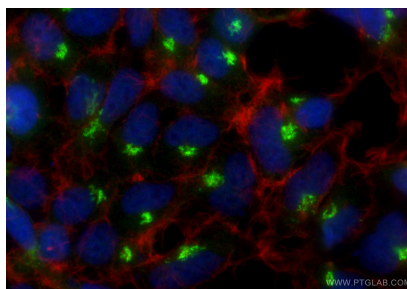
W: ptgcn.com

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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 (4% PFA) fixed HEK-293 cells using GPR107 antibody (25076-1-AP) at dilution of 1:600 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).