

GPR107 Polyclonal Antibody
Catalog # AP70136**Specification**

GPR107 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	Q5VW38
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

GPR107 Polyclonal Antibody - Additional Information**Gene ID** 57720**Other Names**

GPR107; KIAA1624; LUSTR1; Protein GPR107; Lung seven transmembrane receptor 1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

IHC-P~~N/A

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

GPR107 Polyclonal Antibody - Protein Information**Name** GPR107**Synonyms** KIAA1624, LUSTR1**Function**

Has been proposed to act as a receptor for neuronostatin, a peptide derived from the somatostatin/SST precursor (PubMed:22933024). Involved in blood sugar regulation through the induction of glucagon in response to low glucose (By similarity).

Cellular Location

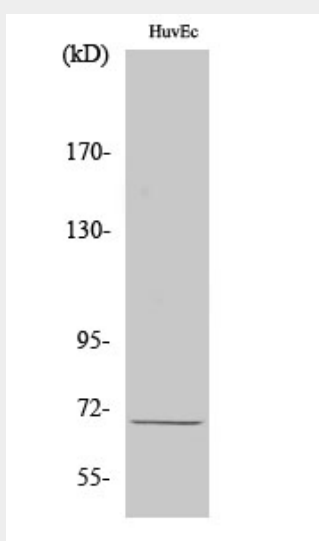
Cell membrane {ECO:0000250|UniProtKB:D3ZWZ9}; Multi-pass membrane protein. Golgi apparatus, trans-Golgi network membrane

GPR107 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPR107 Polyclonal Antibody - Images



Western Blot analysis of various cells using GPR107 Polyclonal Antibody

GPR107 Polyclonal Antibody - Background

Involved in Golgi-to-ER retrograde transport. Functions as a host factor required for infection by *Pseudomonas aeruginosa* exotoxin A and *Campylobacter jejuni* CDT toxins.