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GPR107 Polyclonal Antibody

Catalog # AP70136

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q5VW38
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66990

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 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

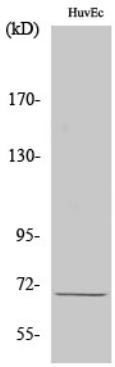
Protein Information

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

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.

Images



Western Blot analysis of various cells using GPR107 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.