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GPR107 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20201b

Product Information

Application	WB, E
Primary Accession	Q5VW38
Other Accession	NP_001130029.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42005
Calculated MW	66990
Antigen Region	419-445

Additional Information

Gene ID	57720
Other Names	Protein GPR107, Lung seven transmembrane receptor 1, GPR107, KIAA1624, LUSTR1
Target/Specificity	This GPR107 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 419-445 amino acids from the C-terminal region of human GPR107.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GPR107 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

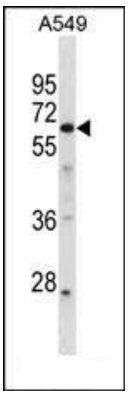
Background

GPR107 is a G-protein coupled receptor which contains a carboxy-terminal seven transmembrane domain (LUSTR domain) similar to GPCRs. Three named isoforms exist.

References

Edgar, A.J. DNA Seq. 18(3):235-241(2007)
Humphray, S.J., et al. Nature 429(6990):369-374(2004)

Images



GPR107 Antibody (C-term) (Cat. #AP20201b) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the GPR107 antibody detected the GPR107 protein (arrow).

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