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GPR107 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20201b

Specification

GPR107 Antibody (C-term) - Product Information

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

GPR107 Antibody (C-term) - 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

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.

GPR107 Antibody (C-term) - Protein Information

Name GPR107

Synonyms KIAA1624, LUSTR1

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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).

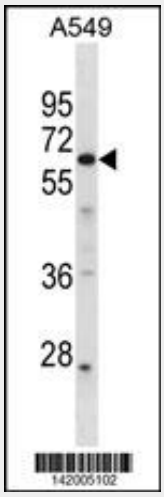
Cellular Location
Cell membrane {ECO:0000250|UniProtKB:D3ZWZ9}; Multi-pass membrane protein. Golgi apparatus, trans-Golgi network membrane

GPR107 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPR107 Antibody (C-term) - 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).

GPR107 Antibody (C-term) - 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.

GPR107 Antibody (C-term) - References

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