

**GPR107 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20201b****Specification**

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**GPR107 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q5VW38</a>
Other Accession	<a href="#">NP_001130029.1</a>
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

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.

**GPR107 Antibody (C-term) - 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

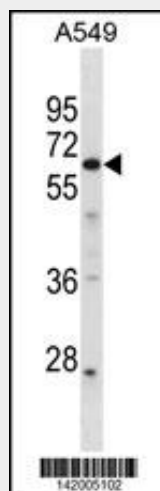
Cell membrane {ECO:0000250|UniProtKB:D3ZWZ9}; Multi-pass membrane protein. Golgi apparatus, trans-Golgi network membrane

### GPR107 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 Cytometry](#)
- [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)