



Datasheet for ABIN1881383  
**anti-GPR107 antibody (C-Term)**



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### Overview

Quantity:	400 µL
Target:	GPR107
Binding Specificity:	AA 419-445, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR107 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	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.
Clone:	RB42005
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	GPR107
Alternative Name:	GPR107 ( <a href="#">GPR107 Products</a> )
Background:	GPR107 is a G-protein coupled receptor which contains a carboxy-terminal seven

## Target Details

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transmembrane domain (LUSTR domain) similar to GPCRs. Three named isoforms exist.

Molecular Weight: 66990

NCBI Accession: [NP\\_001130029](#), [NP\\_001130030](#), [NP\\_066011](#)

UniProt: [Q5VW38](#)

## Application Details

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Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months

## Publications

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Product cited in: Sun, Sun, Chen, Liao, He, Wang, Chen, Hu, Qiu: "microRNA-27b shuttled by mesenchymal stem cell-derived exosomes prevents sepsis by targeting JMJD3 and downregulating NF-κB signaling pathway." in: **Stem cell research & therapy**, Vol. 12, Issue 1, pp. 14, (2021) ([PubMed](#)).

Reithmair, Buschmann, Märte, Kirchner, Hagl, Kaufmann, Pfob, Chouker, Steinlein, Pfaffl, Schelling: "Cellular and extracellular miRNAs are blood-compartment-specific diagnostic targets in sepsis." in: **Journal of cellular and molecular medicine**, Vol. 21, Issue 10, pp. 2403-2411, (2018) ([PubMed](#)).

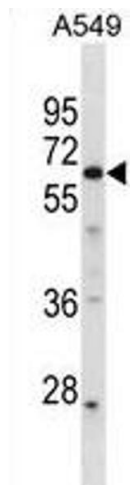
Youn, Friesen, Kishimoto, Henne, Kurat, Ye, Ceccarelli, Sicheri, Kohlwein, McMahon, Andrews: "Dissecting BAR domain function in the yeast Amphiphysins Rvs161 and Rvs167 during endocytosis." in: **Molecular biology of the cell**, Vol. 21, Issue 17, pp. 3054-69, (2010) ([PubMed](#)).

Qian, Shi, Pang, Wu, Yu, Li, Wang, Zhou: "[Identification and expression of two new secretory proteins associated with prostate cancer]." in: **Yi chuan = Hereditas / Zhongguo yi chuan xue hui bian ji**, Vol. 32, Issue 3, pp. 235-41, (2010) ([PubMed](#)).

Hwangbo, Kim, Lee, Lee: "Activation of the integrin effector kinase focal adhesion kinase in cancer cells is regulated by crosstalk between protein kinase Calpha and the PDZ adapter protein mda-9/Syntenin." in: **Cancer research**, Vol. 70, Issue 4, pp. 1645-55, (2010) ([PubMed](#)).

## Images

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### Western Blotting

**Image 1.** GP Antibody (C-term) (ABIN1881383 and ABIN2839047) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the GP antibody detected the GP protein (arrow).