

GPR87 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16621b**Specification**

GPR87 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9BY21
Other Accession	O99MT7 , NP_076404.3
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	41436
Antigen Region	329-357

GPR87 Antibody (C-term) - Additional Information**Gene ID** 53836**Other Names**

G-protein coupled receptor 87, G-protein coupled receptor 95, GPR87, GPR95

Target/Specificity

This GPR87 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 329-357 amino acids from the C-terminal region of human GPR87.

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

GPR87 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR87 Antibody (C-term) - Protein Information**Name** GPR87

Synonyms GPR95

Function Receptor for lysophosphatidic acid (LPA) (PubMed:[17905198](#)). Necessary for p53/TP53-dependent survival in response to DNA damage (PubMed:[19602589](#)). Promotes the Hippo-YAP signaling pathway and thereby modulates glycolysis and oxidative stress production by the regulation of hexokinase-2/HK2 (PubMed:[35843477](#)).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

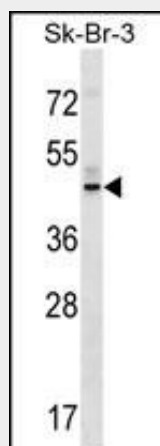
Expressed in placenta and prostate. Weaker expression in thymus. Not expressed in thalamus, hippocampus, pons or cerebellum. Overexpressed in squamous cell carcinoma of the lung

GPR87 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](#)

GPR87 Antibody (C-term) - Images



GPR87 Antibody (C-term) (Cat. #AP16621b) western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates the GPR87 antibody detected the GPR87 protein (arrow).

GPR87 Antibody (C-term) - Background

G protein-coupled receptors play a role in cell communication. They are characterized by an extracellular N terminus, 7 transmembrane regions, and an intracellular C terminus.

GPR87 Antibody (C-term) - References

Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :
Zhang, Y., et al. Cancer Res. 69(15):6049-6056(2009)
Glatt, S., et al. Int. J. Cancer 122(9):2008-2016(2008)
Gugger, M., et al. Dis. Markers 24(1):41-50(2008)
Tabata, K., et al. Biochem. Biophys. Res. Commun. 363(3):861-866(2007)