

GPR87 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10403**Specification**

GPR87 Antibody (C-Terminus) - Product Information

Application	IHC-P
Primary Accession	Q9BY21
Reactivity	Human, Rabbit, Hamster, Monkey, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa
Dilution	IHC-P~~N/A

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

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

Target/Specificity

Human GPR87. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except YSK4 (63%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

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

GPR87 Antibody (C-Terminus) - 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

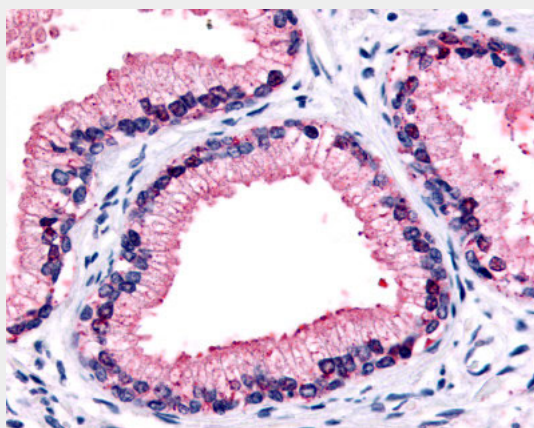
Volume

50 µl

GPR87 Antibody (C-Terminus) - 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-Terminus) - Images

Anti-GPR87 antibody ALS10403 IHC of human prostate, epithelium.

GPR87 Antibody (C-Terminus) - Background

Receptor for lysophosphatidic acid (LPA). Necessary for p53/TP53-dependent survival in response to DNA damage.

GPR87 Antibody (C-Terminus) - References

Urakawa I., et al. Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.
Lee D.K., et al. Gene 275:83-91(2001).
Wittenberger T., et al. J. Mol. Biol. 307:799-813(2001).
Kaighin V.A., et al. Submitted (JUL-2008) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).