

**GPR87 Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10404****Specification**

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**GPR87 Antibody (C-Terminus) - Product Information**

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Application       | IHC-P                                                             |
| Primary Accession | <a href="#">Q9BY21</a>                                            |
| Reactivity        | Human, Mouse, Rabbit, Hamster, Monkey,<br>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.

**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:<a href="http://www.uniprot.org/citations/17905198" target="\_blank">17905198</a>). Necessary for p53/TP53-dependent survival in response to DNA damage (PubMed:<a href="http://www.uniprot.org/citations/19602589" target="\_blank">19602589</a>). Promotes the Hippo-YAP signaling pathway and thereby modulates glycolysis and oxidative stress production by the regulation of hexokinase-2/HK2 (PubMed:<a href="http://www.uniprot.org/citations/35843477" target="\_blank">35843477</a>).

**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

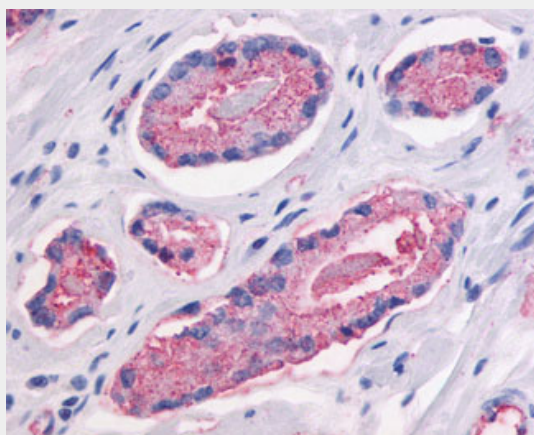
**Volume**

50 µl

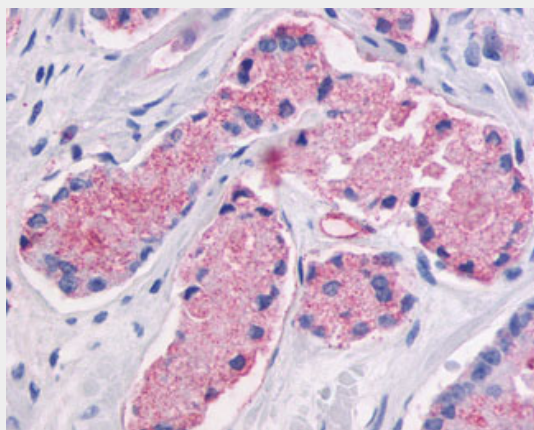
**GPR87 Antibody (C-Terminus) - Protocols**

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

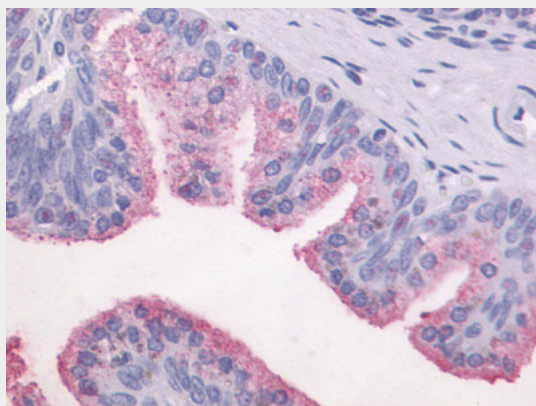
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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

Anti-GPR87 antibody IHC of human Prostate, Carcinoma.



Anti-GPR87 antibody IHC of human Prostate, Carcinoma.



Anti-GPR87 antibody ALS10404 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).