

**GPR87/95 Polyclonal Antibody**  
**Catalog # AP73621****Specification**

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**GPR87/95 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P              |
| Primary Accession | <a href="#">Q9BY21</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**GPR87/95 Polyclonal Antibody - Additional Information****Gene ID** 53836**Other Names**

GPR87; GPR95; FKSG78; G-protein coupled receptor 87; G-protein coupled receptor 95

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**GPR87/95 Polyclonal Antibody - 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**

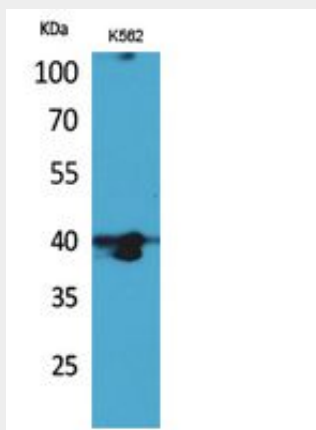
Expressed in placenta and prostate. Weaker expression in thymus. Not expressed in thalamus, hippocampus, pons or cerebellum. Overexpressed in squamous cell carcinoma of the lung

### GPR87/95 Polyclonal Antibody - Protocols

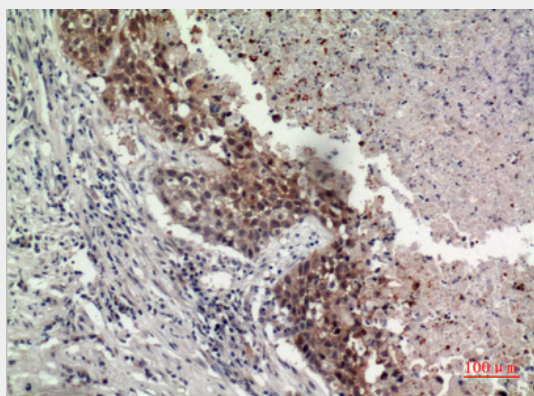
Provided below are standard protocols that you may find useful for product applications.

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

### GPR87/95 Polyclonal Antibody - Images



Western Blot analysis of K562 cells using GPR87/95 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100

### GPR87/95 Polyclonal Antibody - Background

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