



# GPR87/95 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                     |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-13732                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                    |
| <b>Applications</b>                | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>                   | GPR87                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from the N-terminal region of human GPR87. AA range:1-50                                                                                                                                                             |
| <b>Specificity</b>                 | GPR87/95 Polyclonal Antibody detects endogenous levels of GPR87/95 protein.                                                                                                                                                                                                         |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                             |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                              |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                               |
| <b>Dilution</b>                    | WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000.. IF 1:50-200                                                                                                                                                                                                                |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                             |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>                    | FKSG 78;FKSG78;G protein coupled receptor 87;G protein coupled receptor 95; G-protein coupled receptor 87;G-protein coupled receptor 95;GPCR87;GPR 87; GPR 95;Gpr87;GPR87_HUMAN;GPR95;hGPCR87;KPG 2;KPG_2;MGC131898; Orphan GPCR 87;Probable G protein coupled receptor 87;GPR87/95 |
| <b>Observed Band</b>               | 42kD                                                                                                                                                                                                                                                                                |
| <b>Calculated Molecular Weight</b> | 42kD                                                                                                                                                                                                                                                                                |
| <b>Cell Pathway</b>                | Cell membrane ; Multi-pass membrane protein .                                                                                                                                                                                                                                       |
| <b>Tissue Specificity</b>          | 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.                                                                                                  |
| <b>Function</b>                    | function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in placenta and prostate. Weaker expression in thymus. Not expressed in thalamus, hippocampus, pons or cerebellum.,                                           |
| <b>Background</b>                  | This gene encodes a G protein-coupled receptor and is located in a cluster of G protein-couple receptor genes on chromosome 3. The encoded protein has been shown to be overexpressed in lung squamous cell carcinoma                                                               |



(PMID:18057535) and regulated by p53 (PMID:19602589). [provided by RefSeq, Nov 2011],

**matters needing attention**

Avoid repeated freezing and thawing!

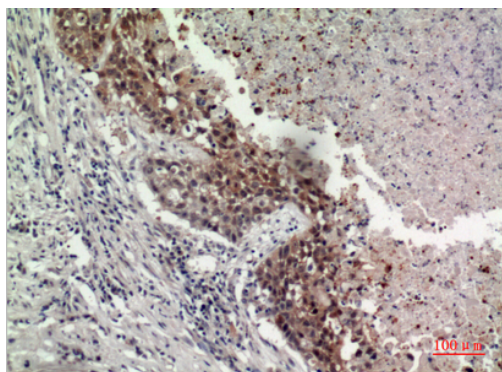
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of K562 cells using GPR87/95 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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