

Rabbit Anti-GPCR GPR87/AP Conjugated antibody

SL16267R-AP

Product Name	Anti-GPCR GPR87/AP
Chinese Name	碱性磷酸酶（AP）标记的 G protein-coupled receptor87 抗体
Alias	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 002; KPG_002; MGC131898; Orphan GPCR 87; Probable G protein coupled receptor 87,
Research Area	Tumour Signal transduction G protein-coupled receptor G protein signal
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human
Applications	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	41kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human GPCR GPR87
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: 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]

Function:

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

Subcellular Location:

Cell membrane.

Tissue Specificity:

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.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

Database links:

[Entrez Gene: 53836](#) Human

[Entrez Gene: 84111](#) Mouse

[Omim: 606379](#) Human

[SwissProt: Q9BY21](#) Human

[SwissProt: Q99MT7](#) Mouse

[Unigene: 591292](#) Human

[Unigene: 60267](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.