

## Rabbit Anti-GPR125 /AP Conjugated antibody

SL15359R-AP

<b>Product Name</b>	Anti-GPR125 /AP
<b>Chinese Name</b>	碱性磷酸酶 (AP) 标记的 G protein-coupled receptor GPR125 蛋白抗体
<b>Alias</b>	FLJ38547; G protein coupled receptor 125; PGR21; Probable G protein coupled receptor 125 precursor; TEM5 like; TEM5L; GP125_HUMAN; GPCR 125.
<b>Research Area</b>	Cell biology immunology Signal transduction G protein-coupled receptor G protein signal
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human(predicted:Mouse,Rat,Dog,Cow,Horse,Sheep)
<b>Applications</b>	IHC-P=1:100-500,IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	142kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human GPR125 protein
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	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.
<b>Product Detail</b>	<b>background:</b> GPR125 is an orphan receptor which has a leucine rich repeat (LRR),an immunoglobulin (Ig) domain, and a hormone-binding domain (HBD). The Ig domain shows similarities to motilin and tinitin, while the LRR domain shows similarities to LRIG1 and SLIT1-2. ESTs have been isolated primarily from amnion,connective tissue, ear, embryo, eye, ganglion, heart, lung, placenta, and

skin libraries.

**Function:**

Orphan receptor.

**Subunit:**

Interacts with DLG1.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Similarity:**

Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.

Contains 1 GPS domain.

Contains 1 Ig-like (immunoglobulin-like) domain.

Contains 5 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

**Database links:**

[Entrez Gene: 166647](#) Human

[Entrez Gene: 70693](#) Mouse

[Omim: 612303](#) Human

[SwissProt: Q8IWK6](#) Human

[SwissProt: Q7TT36](#) Mouse

**Important Note:**

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