



## Rabbit Anti-G protein alpha 12 antibody

SL4109R

<b>Product Name:</b>	G protein alpha 12
<b>Chinese Name:</b>	鸟苷酸调节蛋白12抗体
<b>Alias:</b>	GNA12; G alpha 12; gep; GNA12; Guanine nucleotide binding protein alpha 12 subunit; NNX3; RMP; AI414047; AI504261; ALPHA SUBUNIT OF THE G12 FAMILY OF HETEROTRIMERIC GS; FLJ21929; G PROTEIN ALPHA 12; MGC104623; MGC130498; MGC99644; GNA12_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	44kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human GNA12:301-381/381
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Guanine nucleotide-binding proteins (G proteins) are modulators or transducers in various transmembrane signaling systems. G proteins are composed of 3 subunits; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site.

**Function:**

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.

**Subunit:**

G proteins are composed of 3 units; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site. Interacts with UBXD5.

**Subcellular Location:**

Membrane; Lipid-anchor.

**Similarity:**

Belongs to the G-alpha family. G(12) subfamily.

**SWISS:**

Q03113

**Gene ID:**

2768

**Database links:**

[Entrez Gene: 2768](#) Human

[Entrez Gene: 14673](#) Mouse

[Entrez Gene: 81663](#) Rat

[GenBank: NP\\_031379.2](#) Human

[Omin: 604394](#) Human

[SwissProt: Q03113](#) Human

[SwissProt: P27600](#) Mouse

[SwissProt: Q63210](#) Rat

[Unigene: 487341](#) Human

[Unigene: 370185](#) Mouse

[Unigene: 10497](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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