



Rabbit Anti-RGS8 antibody

SL19864R

Product Name:	RGS8
Chinese Name:	G protein signal转导调节因子8抗体
Alias:	Regulator of G Protein Signalling 8; Regulator of G-protein signaling 8; RGS8; RGS8_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	21kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RGS8:1-100/180
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	This gene is a member of the regulator of G protein signaling (RGS) family and encodes a protein with a single RGS domain. Regulator of G protein signaling (RGS) proteins are regulatory and structural components of G protein-coupled receptor complexes. They accelerate transit through the cycle of GTP binding and hydrolysis to GDP, thereby terminating signal transduction, but paradoxically, also accelerate receptor-stimulated activation. [provided by RefSeq, Jul 2008]

Function:

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Preferentially binds to G(o)-alpha and G(i)-alpha-3.

Subcellular Location:

Cytoplasm.

Similarity:

Contains 1 RGS domain.

SWISS:

P57771

Gene ID:

85397

Database links:

[Entrez Gene: 85397](#) Human

[Entrez Gene: 67792](#) Mouse

[Entrez Gene: 54297](#) Rat

[Omim: 607189](#) Human

[SwissProt: P57771](#) Human

[SwissProt: Q8BXT1](#) Mouse

[SwissProt: P49804](#) Rat

[Unigene: 20982](#) Human

[Unigene: 458417](#) Human

[Unigene: 379143](#) Mouse

[Unigene: 89634](#) Rat

Important Note:

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

