RGS17 polyclonal antibody

Catalog # PAB6632 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of RGS17.
Immunogen	A synthetic peptide corresponding to human RGS17.
Sequence	C-SFVESTAGSSSES
Host	Goat
Theoretical MW (kDa)	24.4
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

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Gene Info — RGS17

Entrez GeneID	26575
Protein Accession#	NP_036551
Gene Name	RGS17
Gene Alias	RGS-17, RGSZ2, hRGS17
Gene Description	regulator of G-protein signaling 17
Omim ID	607191
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the regulator of G-protein signaling family. This protein contains a conserved, 120 amino acid motif called the RGS domain and a cysteine-rich region. The protei n attenuates the signaling activity of G-proteins by binding to activated, GTP-bound G alpha subun its and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. [provided by RefSeq
Other Designations	OTTHUMP00000017460|regulator of G-protein signalling 17

Publication Reference

- Inactivation of Galpha(z) causes disassembly of the Golgi apparatus.

  Nagahama M, Usui S, Shinohara T, Yamaguchi T, Tani K, Tagaya M.

  Journal of Cell Science 2002 Dec; 115(Pt 23):4483.

Disease

- Adenocarcinoma
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Lung Neoplasms
- Pulmonary Disease

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- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome

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