

RGS17 / RGSZ2 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2409a**Specification**

RGS17 / RGSZ2 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O9UGC6
Other Accession	NP_036551.3 , 26575
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	24359

RGS17 / RGSZ2 Antibody (C-Term) - Additional Information**Gene ID** 26575**Other Names**

Regulator of G-protein signaling 17, RGS17, RGS17

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RGS17 / RGSZ2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

RGS17 / RGSZ2 Antibody (C-Term) - Protein Information**Name** RGS17**Synonyms** RGSZ2 {ECO:0000303|PubMed:15096504}**Function**

Regulates G protein-coupled receptor signaling cascades, including signaling via muscarinic acetylcholine receptor CHRM2 and dopamine receptor DRD2. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form (PubMed:15096504). Binds selectively to GNAZ and GNAI2 subunits, accelerates their GTPase activity and regulates their signaling activities. Negatively regulates mu-opioid

receptor-mediated activation of the G-proteins (By similarity).

Cellular Location

Membrane {ECO:0000250|UniProtKB:Q9QZB0}. Synapse, synaptosome {ECO:0000250|UniProtKB:Q9QZB0}. Nucleus {ECO:0000250|UniProtKB:Q9QZB0}. Cytoplasm {ECO:0000250|UniProtKB:Q9QZB0}

Tissue Location

Predominantly expressed in the cerebellum. Also expressed in the cortex and medulla. Weakly expressed in a number of peripheral tissues notably spleen, lung and leukocytes

RGS17 / RGSZ2 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RGS17 / RGSZ2 Antibody (C-Term) - Images**RGS17 / RGSZ2 Antibody (C-Term) - References**

Inactivation of G α (z) causes disassembly of the Golgi apparatus. Nagahama M, Usui S, Shinohara T, Yamaguchi T, Tani K, Tagaya M. J Cell Sci. 2002 Dec 1;115(Pt 23):4483-93. PMID: 12414994