

RGS17 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10601

Product Information

Application	WB
Primary Accession	Q9UGC6
Other Accession	NM_012419 , NP_036551
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24359

Additional Information

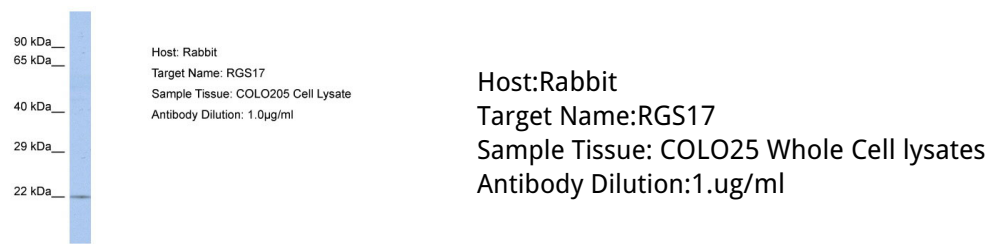
Gene ID	26575
Alias Symbol	RGS-17, RGSZ2, hRGS17
Other Names	Regulator of G-protein signaling 17, RGS17, RGS17
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 μ l of distilled water. Final Anti-RGS17 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	RGS17 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.