

For Research Use Only

RGS17 Polyclonal antibody

Catalog Number: 18316-1-AP



Basic Information

Catalog Number: 18316-1-AP	GenBank Accession Number: BC013117	Purification Method: Antigen affinity purification
Size: 150ul	GeneID (NCBI): 26575	
Source: Rabbit	Full Name: regulator of G-protein signaling 17	
Isotype: IgG	Calculated MW: 24 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse

Background Information

RGS17, also named as RGSZ2, inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. It binds selectively to G(z)-alpha and G(alpha)-i2 subunits, accelerates their GTPase activity and regulates their signaling activities. The G(z)-alpha activity is inhibited by the phosphorylation and palmitoylation of the G-protein. Negatively regulates mu-opioid receptor-mediated activation of the G-proteins. It 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.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data