

# RGS17 Polyclonal antibody

Catalog Number: 18316-1-AP

## Basic Information

**Catalog Number:**

18316-1-AP

**Size:**

150ul

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC013117

**GeneID (NCBI):**

26575

**UNIPROT ID:**

Q9UGC6

**Full Name:**

regulator of G-protein signaling 17

**Calculated MW:**

24 kDa

**Purification Method:**

Antigen affinity purification

## 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](mailto:proteintech@ptglab.com)  
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