

RGS17 Polyclonal antibody

Catalog Number: 18316-1-AP

Basic Information

Catalog Number:

18316-1-AP

Size:

N/A

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

For technical support and original validation data for this product please contact:

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