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Goat Anti-RGS13 Antibody

Peptide-affinity purified goat antibody

Catalog # AF1924a

Specification

Goat Anti-RGS13 Antibody - Product Information

Application	**WB, E**
Primary Accession	O14921
Other Accession	NP_658912, 6003
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**19135**

Goat Anti-RGS13 Antibody - Additional Information

Gene ID 6003

Other Names
Regulator of G-protein signaling 13, RGS13, RGS13

Dilution
WB~~1:1000
E~~N/A

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, 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
Goat Anti-RGS13 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-RGS13 Antibody - Protein Information

Name RGS13

Function
Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to both G(i)-alpha and G(q)-alpha (By similarity).

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Goat Anti-RGS13 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-RGS13 Antibody - Images

AF1924a (0.5 µg/ml) staining of Peripheral Blood Mononucleocyte lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-RGS13 Antibody - Background

The protein encoded by this gene is a member of the regulator of G protein signaling (RGS) family. RGS family members share similarity with S. cerevisiae SST2 and C. elegans egl-10 proteins, which contain a characteristic conserved RGS domain. RGS proteins accelerate GTPase activity of G protein alpha-subunits, thereby driving G protein into their inactive GDP-bound form, thus negatively regulating G protein signaling. RGS proteins have been implicated in the fine tuning of a variety of cellular events in response to G protein-coupled receptor activation. The biological function of this gene, however, is unknown. Two transcript variants encoding the same isoform exist.

Goat Anti-RGS13 Antibody - References

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