

RGS3 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21810a**Specification**

RGS3 Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	P49796
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	132336

RGS3 Antibody (N-Term) - Additional Information**Gene ID** 5998**Other Names**

Regulator of G-protein signaling 3, RGP3, RGS3, RGS3

Target/Specificity

This RGS3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 273-307 amino acids from human RGS3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RGS3 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

RGS3 Antibody (N-Term) - Protein Information**Name** RGS3

Function Down-regulates signaling from heterotrimeric G-proteins by increasing the GTPase activity of the alpha subunits, thereby driving them into their inactive GDP-bound form. Down-regulates G-protein- mediated release of inositol phosphates and activation of MAP kinases.

Cellular Location

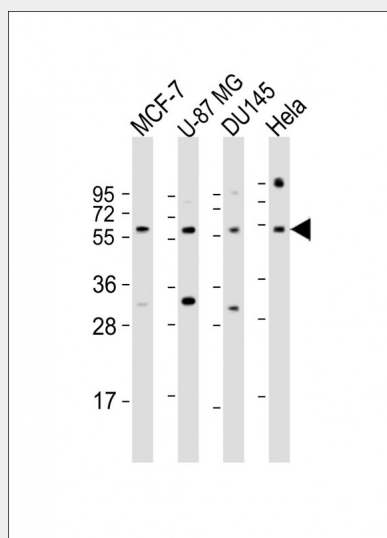
Cytoplasm. Nucleus. Cell membrane; Peripheral membrane protein. Note=Long isoforms are cytoplasmic and associated with the plasma membrane (PubMed:9858594). Short isoforms are nuclear (PubMed:10749886)

RGS3 Antibody (N-Term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RGS3 Antibody (N-Term) - Images



All lanes : Anti-RGS3 Antibody (N-Term) at 1:1000 dilution Lane 1: MCF-7 whole cell lysate Lane 2: U-87 MG whole cell lysate Lane 3: DU145 whole cell lysate Lane 4: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

RGS3 Antibody (N-Term) - Background

Down-regulates signaling from heterotrimeric G-proteins by increasing the GTPase activity of the alpha subunits, thereby driving them into their inactive GDP-bound form. Down-regulates G-protein-mediated release of inositol phosphates and activation of MAP kinases.

RGS3 Antibody (N-Term) - References

Druey K.M., et al. Nature 379:742-746(1996).
Kehrl J.H., et al. Genomics 79:860-868(2002).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Chatterjee T.K., et al. Submitted (DEC-2001) to the EMBL/GenBank/DBJ databases.

Puhl H.L. III, et al. Submitted (MAR-2004) to the EMBL/GenBank/DDBJ databases.