

RGS19 Antibody (S24) Blocking peptide
Catalog # BP1820d**Specification**

RGS19 Antibody (S24) Blocking peptide - Product InformationPrimary Accession [P49795](#)**RGS19 Antibody (S24) Blocking peptide - Additional Information****Gene ID** 10287**Other Names**

Regulator of G-protein signaling 19, RGS19, G-alpha-interacting protein, GAIP, RGS19, GAIP, GNAI3IP

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RGS19 Antibody (S24) Blocking peptide - Protein Information**Name** RGS19**Synonyms** GAIP, GNAI3IP**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 G-alpha subfamily 1 members, with the order G(i)a3 > G(i)a1 > G(o)a >> G(z)a/G(i)a2. Activity on G(z)-alpha is inhibited by phosphorylation and palmitoylation of the G-protein.

Cellular Location

Membrane; Lipid-anchor.

Tissue Location

Highest expression in lung. Placenta, liver and heart also express high levels of GAIP

RGS19 Antibody (S24) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

RGS19 Antibody (S24) Blocking peptide - Images