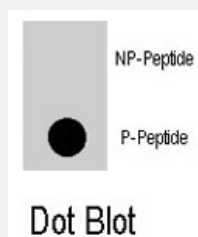


RGS19 (phospho S24) polyclonal antibody

Catalog # PAB8080

Size 400 uL

Applications



Dot Blot (Peptide)

Dot blot analysis of RGS19 (phospho S24) polyclonal antibody (Cat # PAB8080) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of RGS19.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S24 of human RGS19.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	ELISA (1:1000) Dot Blot (1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Dot Blot (Peptide)

Dot blot analysis of RGS19 (phospho S24) polyclonal antibody (Cat # PAB8080) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 ug/mL.

Gene Info — RGS19

Entrez GeneID	10287
Protein Accession#	NP_005864;P49795
Gene Name	RGS19
Gene Alias	GAIP, RGSGAIP
Gene Description	regulator of G-protein signaling 19
Omim ID	605071
Gene Ontology	Hyperlink
Gene Summary	G proteins mediate a number of cellular processes. The protein encoded by this gene belongs to the RGS (regulators of G-protein signaling) family and specifically interacts with G protein, GAI3. This protein is a guanosine triphosphatase-activating protein that functions to down-regulate Galpha i/Galpha q-linked signaling. Alternatively spliced transcript variants encoding the same protein isoform have been found for this gene. [provided by RefSeq]
Other Designations	G alpha interacting protein G protein signalling regulator 19 OTTHUMP00000031632 guanine nucleotide binding protein alpha inhibiting activity polypeptide 3 interacting protein regulator of G-protein signalling 19

Publication Reference

- [Autophagy in metazoans: cell survival in the land of plenty.](#)

Lum JJ, DeBerardinis RJ, Thompson CB.

Nature Reviews. Molecular Cell Biology 2005 Jun; 6(6):439.

- [Autophagy: dual roles in life and death?](#)

Baehrecke EH.

Nature Reviews. Molecular Cell Biology 2005 Jun; 6(6):505.

- [Degrade or die: a dual function for autophagy in the plant immune response.](#)

Greenberg JT.

Developmental Cell 2005 Jun; 8(6):799.

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)