

Anti-RGS19 (pS151) Antibody

Rabbit polyclonal antibody to RGS19 (pS151)

Catalog # AP61101

Product Information

Application	WB
Primary Accession	P49795
Other Accession	Q9CX84
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24636

Additional Information

Gene ID	10287
Other Names	GAIP; GNAI3IP; Regulator of G-protein signaling 19; RGS19; G-alpha-interacting protein; GAIP
Target/Specificity	Recognizes endogenous levels of RGS19 (pS151) protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

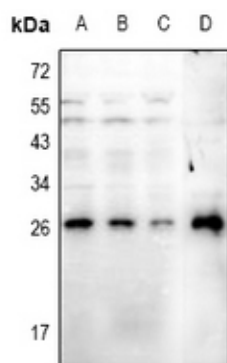
Protein Information

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

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RGS19. The exact sequence is proprietary.

Images



Western blot analysis of RGS19 (pS151) expression in A549 (A), H1792 (B), HepG2 (C), rat heart (D) whole cell lysates.

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