

RGS5 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51842

Product Information

Application	WB
Primary Accession	O15539
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20946

Additional Information

Gene ID	8490
Other Names	Regulator of G-protein signaling 5, RGS5, RGS5
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RGS5. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	RGS5
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(i)-alpha and G(o)-alpha, but not to G(s)-alpha (By similarity).
Cellular Location	[Isoform 1]: Cytoplasm. Membrane

Background

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(i)-alpha and G(o)-alpha, but not to G(s)-alpha (By similarity).

References

Chatterjee T.K.,et al.Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases.
Seki N.,et al.J. Hum. Genet. 43:202-205(1998).
Cismowski M.J.,et al.Nat. Biotechnol. 17:878-883(1999).
Liang Y.,et al.FEBS J. 272:791-799(2005).
Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.

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