

Product Name: RGS12 Rabbit Polyclonal Antibody
Catalog #: APRab17090



Summary

Production Name	RGS12 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	RGS12
Alternative Names	RGS12; Regulator of G-protein signaling 12; RGS12
Gene ID	6002.0
SwissProt ID	O14924.The antiserum was produced against synthesized peptide derived from human RGS12. AA range:141-190

Application

Dilution Ratio	WB 1:500-2000; ELISA 2000-20000
Molecular Weight	160kD

Background

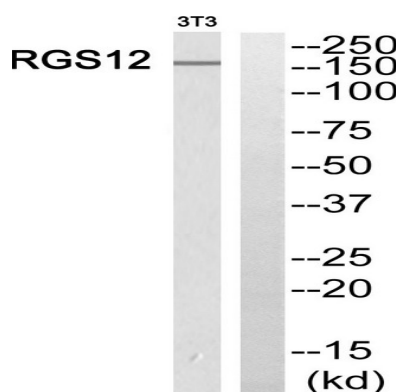
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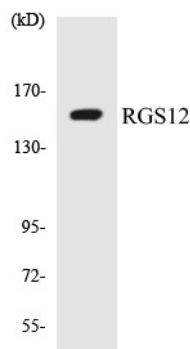
This gene encodes a member of the 'regulator of G protein signaling' (RGS) gene family. The encoded protein may function as a guanosine triphosphatase (GTPase)-activating protein as well as a transcriptional repressor. This protein may play a role in tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants have been described but their biological nature has not been determined. [provided by RefSeq, Jul 2008],function:Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 GoLoco domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 PID domain.,similarity:Contains 1 RGS domain.,similarity:Contains 2 RBD (Ras-binding) domains.,tissue specificity:Isoform 3 is brain specific.,

Research Area

Image Data

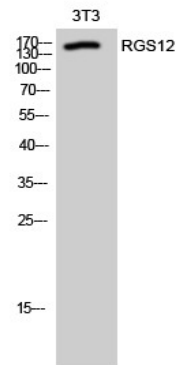


Western blot analysis of RGS12 Antibody. The lane on the right is blocked with the RGS12 peptide.



Western blot analysis of the lysates from HUVEC cells using RGS12 antibody.

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Western Blot analysis of 3T3 cells using RGS12 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

Note

For research use only.