

RGS12 Antibody

Catalog No: #34981

Package Size: #34981-1 50ul #34981-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

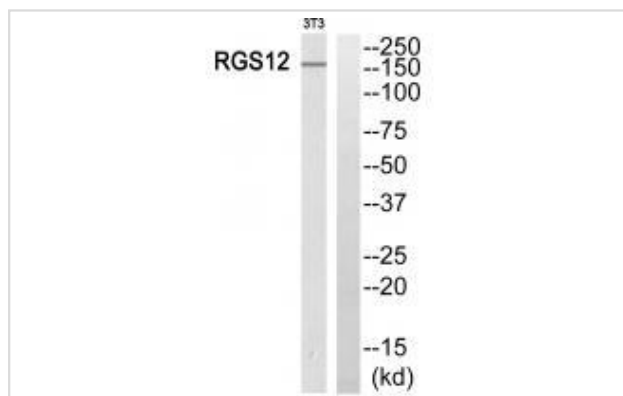
Description

Product Name	RGS12 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total RGS12 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human RGS12.
Target Name	RGS12
Other Names	regulator of G-protein signaling 12;
Accession No.	Swiss-Prot: O14924NCBI Gene ID: 6002
Uniprot	O14924
GeneID	6002;
SDS-PAGE MW	156kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from 3T3 cells, using RGS12 antibody #34981.

Background

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.

soform 5: Behaves as a cell cycle-dependent transcriptional repressor, promoting inhibition of S-phase DNA synthesis.

Chatterjee T.K., J. Biol. Chem. 275:29660-29671(2000).

Snow B.E., J. Biol. Chem. 273:17749-17755(1998).

Hillier L.W., Nature 434:724-731(2005).

Note: This product is for in vitro research use only