

RGS12 Polyclonal Antibody

Catalog # AP72255

Product Information

Application	WB, E, IHC-P
Primary Accession	O14924
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	156357

Additional Information

Gene ID	6002
Other Names	RGS12; Regulator of G-protein signaling 12; RGS12
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

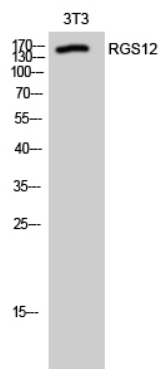
Protein Information

Name	RGS12
Function	Regulates G protein-coupled receptor signaling cascades. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP- bound form.
Cellular Location	Nucleus. Cytoplasm {ECO:0000250 UniProtKB:O08774}. Cell projection, dendrite {ECO:0000250 UniProtKB:O08774}. Synapse {ECO:0000250 UniProtKB:O08774}
Tissue Location	Isoform 3 is brain specific.

Background

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

Images



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).

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