

RGS7 antibody

Catalog No: #39128

Package Size: #39128-1 50ul #39128-2 100ul

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Support: tech@signalwayantibody.com

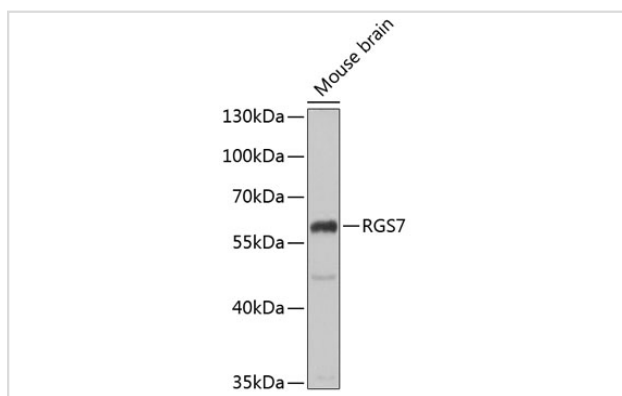
Description

Product Name	RGS7 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total RGS7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human RGS7.
Target Name	RGS7
Accession No.	Swiss-Prot#: P49802NCBI Gene ID: 6000
Uniprot	P49802
GeneID	6000;
SDS-PAGE MW	57kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL 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

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of mouse brain, using RGS7 at 1:1000 dilution.

Background

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

Activity on G(o)-alpha is specifically enhanced by the RGS6/GNG5 dimer. May play a role in synaptic vesicle exocytosis. May play important role in the rapid regulation of neuronal excitability and the cellular responses to short-lived stimulations (By similarity).

Note: This product is for in vitro research use only