

RGS7 antibody

Product Information

Catalog No.:	FNab07273
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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(PubMed:10521509, PubMed:10862767). The RGS7/GNB5 dimer enhances GNAO1 GTPase activity(PubMed:10521509). May play a role in synaptic vesicle exocytosis(PubMed:12659861). Modulates the activity of potassium channels that are activated by GNAO1 in response to muscarinic acetylcholine receptor M2/CHRM2 signaling(PubMed:15897264).

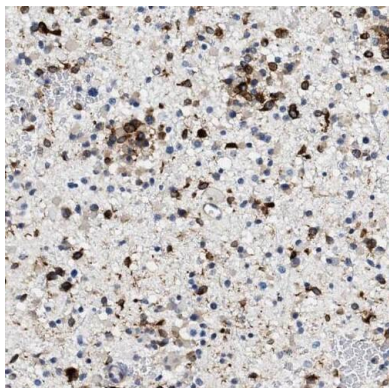
Immunogen information

Immunogen:	regulator of G-protein signaling 7
Synonyms:	Regulator of G-protein signaling 7 (RGS7) RGS7
Observed MW:	62 kDa
Uniprot ID :	P49802

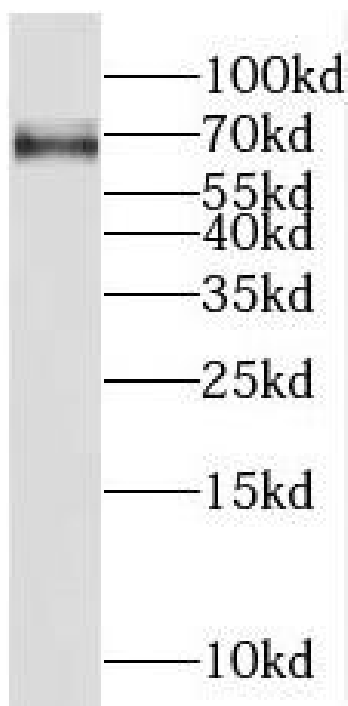
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human gliomas using FNab07273(RGS7 antibody) at dilution of 1:50



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with FNab07273(RGS7 antibody) at dilution of 1:500