

Datasheet for ABIN7118384 **anti-RGS7 antibody**

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Overview

Quantity:	100 µg
Target:	RGS7
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	regulator of G-protein signaling 7
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	RGS7
Alternative Name:	RGS7 (RGS7 Products)
Background:	Synonyms: 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

Target Details

	that are activated by GNAO1 in response to muscarinic acetylcholine receptor M2/CHRM2 signaling(PubMed:15897264).
Molecular Weight:	62 kDa
Gene ID:	6000
UniProt:	P49802
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	WB: 1:500-1:2000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months