

Datasheet for ABIN925957 **anti-RGS7 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µg
Target:	RGS7
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	RGS7 antibody was raised in rabbit using the N terminal of RGS7 as the immunogen
Cross-Reactivity:	Human, Rat (Rattus), Cow (Bovine)

Target Details

Target:	RGS7
Alternative Name:	RGS7 (RGS7 Products)
Background:	Rgs7 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. It may play an important role in the rapid regulation of neuronal excitability and the cellular responses to short-lived stimulations and in synaptic vesicle exocytosis. Synonyms: Polyclonal Rgs7 antibody, Anti-Rgs7 antibody, regulator of G-

Target Details

protein signalling 7 antibody.

Pathways: [Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: WB: 5 µg/mL
Optimal conditions should be determined by the investigator.

Comment: RGS7 Blocking Peptide, catalog no. 33R-5725, is also available for use as a blocking control in assays to test for specificity of this RGS7 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized powder. Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. Western Blot showing Rgs7 antibody used at a concentration of 1-2 µg/ml to detect its target protein.