

Datasheet for ABIN634407
anti-RGS4 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	RGS4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	RGS4 antibody was raised using the C terminal of RGS4 corresponding to a region with amino acids EAQKKIFNLMEKDSYRRFLKSRFYLDLVNPSSCGAEKQKGAKSSADCASL
Specificity:	RGS4 antibody was raised against the C terminal of RGS4
Purification:	Affinity purified

Target Details

Target:	RGS4
Alternative Name:	RGS4 (RGS4 Products)
Background:	Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha

Target Details

subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 4 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain. This protein negatively regulates signaling upstream or at the level of the heterotrimeric G protein and is localized in the cytoplasm.

Molecular Weight: 23 kDa (MW of target protein)

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

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: RGS4 Blocking Peptide, catalog no. 33R-2276, is also available for use as a blocking control in assays to test for specificity of this RGS4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of RGS4 antibody in PBS

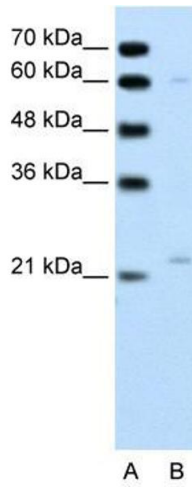
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. RGS4 antibody used at 1 ug/ml to detect target protein.