

Datasheet for ABIN1944932

anti-RGS10 antibody[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	100 µg
Target:	RGS10
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Isotype:	IgG
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Target Details

Target:	RGS10
Alternative Name:	RGS10 (RGS10 Products)
Background:	Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Associates specifically with the activated forms of the G protein subunits G(i)-alpha and G(z)- alpha but fails to interact with the structurally and functionally distinct G(s)-alpha subunit. Activity on G(z)-alpha is inhibited by palmitoylation of the G-protein.
Molecular Weight:	20236 Da
Gene ID:	6001

Target Details

UniProt:	O43665
Pathways:	Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

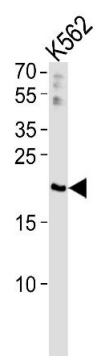
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Storage:	4 °C, -20 °C

Publications

Product cited in:	McPherson, Baichwal, Weigel: "Identification of ERF-1 as a member of the AP2 transcription factor family." in: Proceedings of the National Academy of Sciences of the United States of America , Vol. 94, Issue 9, pp. 4342-7, (1997) (PubMed).
	Williamson, Boshier, Skinner, Sheer, Williams, Hurst: "Chromosomal mapping of the human and mouse homologues of two new members of the AP-2 family of transcription factors." in: Genomics , Vol. 35, Issue 1, pp. 262-4, (1996) (PubMed).



Western Blotting

Image 1. Western blot analysis of lysates from K562 cell line ,using RGS10 Antibody (ABIN1451532 and ABIN1451534). ABIN1451532 and ABIN1451534 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35 µg.