

ARG41184 anti-ARHGAP44 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ARHGAP44
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ARHGAP44
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 666-772 of Human ARHGAP44 (NP_055674.4).
Conjugation	Un-conjugated
Alternate Names	RICH2; RICH-2; RhoGAP interacting with CIP4 homologs protein 2; Rho-type GTPase-activating protein RICH2; Rho GTPase-activating protein 44; NPC-A-10

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	110 kDa	

Properties

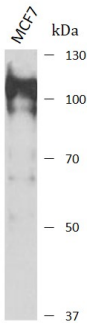
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

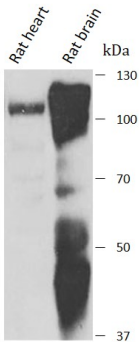
Gene Symbol	ARHGAP44
Gene Full Name	Rho GTPase activating protein 44
Function	GTPase-activating protein (GAP) that stimulates the GTPase activity of Rho-type GTPases. Thereby, controls Rho-type GTPases cycling between their active GTP-bound and inactive GDP-bound states. May act as a GAP for CDC42 and RAC1. Endosomal recycling protein which, in association with SHANK3, is involved in synaptic plasticity. Promotes GRIA1 exocytosis from recycling endosomes and spine morphological changes associated to long-term potentiation. [UniProt]
Calculated Mw	89 kDa
Cellular Localization	Cell projection, dendritic spine. Recycling endosome. Cell junction, synapse. Note=In CA1 hippocampal synapses, detected at both presynaptic and postsynaptic sites. [UniProt]

Images

ARG41184 anti-ARHGAP44 antibody WB image



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