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Datasheet for ABIN7167956

anti-ARHGAP32 antibody (AA 130-205)

1 Image

Overview

Quantity:	100 µg
Target:	ARHGAP32
Binding Specificity:	AA 130-205
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Rho GTPase-activating protein 32 protein (130-205AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ARHGAP32
Alternative Name:	ARHGAP32 (ARHGAP32 Products)
Background:	Background: GTPase-activating protein (GAP) promoting GTP hydrolysis on RHOA, CDC42 and RAC1 small GTPases. May be involved in the differentiation of neuronal cells during the formation of neurite extensions. Involved in NMDA receptor activity-dependent actin reorganization in dendritic spines. May mediate cross-talks between Ras- and Rho-regulated

Target Details

signaling pathways in cell growth regulation. Isoform 2 has higher GAP activity (By similarity).
Aliases: ARHGAP32 antibody, GRIT antibody, KIAA0712 antibody, RICS antibody, Rho GTPase-activating protein 32 antibody, Brain-specific Rho GTPase-activating protein antibody, GAB-associated Cdc42/Rac GTPase-activating protein antibody, GC-GAP antibody, GTPase regulator interacting with TrkA antibody, Rho-type GTPase-activating protein 32 antibody, Rho/Cdc42/Rac GTPase-activating protein RICS antibody, RhoGAP involved in the beta-catenin-N-cadherin and NMDA receptor signaling antibody, p200RhoGAP antibody, p250GAP antibody

UniProt: [A7KAX9](#)

Application Details

Application Notes: Recommended dilution: IF:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

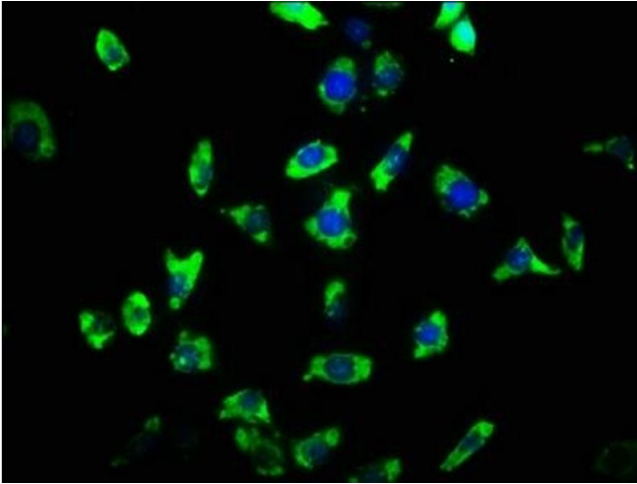
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of SH-SY5Y cells with ABIN7167956 at 1:33, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).