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Datasheet for ABIN4996809

anti-ARHGAP32 antibody (AA 860-896) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	ARHGAP32
Binding Specificity:	AA 860-896
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGAP32 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARHGAP32
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	ARHGAP32
Alternative Name:	ARHGAP32 (ARHGAP32 Products)
Background:	Synonyms: GRIT, RICS, GC-GAP, PX-RICS, p250GAP, p200RhoGAP, Rho GTPase-activating protein 32, Brain-specific Rho GTPase-activating protein, GAB-associated Cdc42/Rac GTPase-

Target Details

activating protein, GTPase regulator interacting with TrkA, Rho-type GTPase-activating protein 32, Rho/Cdc42/Rac GTPase-activating protein RICS, RhoGAP involved in the beta-catenin-N-cadherin and NMDA receptor signaling, ARHGAP32, KIAA0712

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 signaling pathways in cell growth regulation. Isoform 2 has higher GAP activity (By similarity).

Gene ID: 9743

UniProt: [A7KAX9](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months