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Datasheet for ABIN1695085

anti-ARFGAP3 antibody (AA 412-516) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	ARFGAP3
Binding Specificity:	AA 412-516
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARFGAP3 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARFGAP3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	ARFGAP3
Alternative Name:	ARFGAP3 (ARFGAP3 Products)
Background:	Synonyms: ADP ribosylation factor GTPase activating protein 1, ADP ribosylation factor GTPase

Target Details

activating protein 3, ADP-ribosylation factor GTPase-activating protein 3, ARF GAP 3, ARFG3_HUMAN, ArfGAP 3, ARFGAP1, ARFGAP3, FLJ45618.

Background: ARFGAP1 (ADP-ribosylation factor GTPase-activating protein 1), ARFGAP2 (ADP-ribosylation factor GTPase-activating protein 2) and ARFGAP3 (ADP-ribosylation factor GTPase-activating protein 3) are GTPase-activating proteins (GAP) that are associated with the Golgi apparatus and interact with ADP-ribosylation factor 1 (ARF). These proteins promote hydrolysis of ARF-bound GTP and are required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is required for the fusion of these vesicles with target compartments. The activity of ARFGAP1, ARFGAP2 and ARFGAP3 is stimulated by phosphoinositides and inhibited by phosphatidylcholine. The genes encoding ARFGAP1, ARFGAP2 and ARFGAP3 map to human chromosomes 20q13.33, 11p11.2 and 22q13.2, respectively.

Gene ID: 26286

Application Details

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