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Datasheet for ABIN705329

anti-ARHGEF12 antibody (AA 515-615) (Cy3)

Overview

Quantity:	100 µL
Target:	ARHGEF12
Binding Specificity:	AA 515-615
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF12 antibody is conjugated to Cy3
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 LARG
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ARHGEF12
Alternative Name:	LARG (ARHGEF12 Products)

Target Details

Background: Synonyms: ARHGEF12, KIAA0382, leukemia-associated rho guanine nucleotide exchange factor, Leukemia-associated RhoGEF, PRO2792, Rho guanine exchange factor GEF 12, Rho guanine nucleotide exchange factor GEF 12, Rho guanine nucleotide exchange factor 12, Similar to Mouse Lsc oncogene, ARHGC_HUMAN.

Background: Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein is observed to form myeloid/lymphoid fusion partner in acute myeloid leukemia (from EntrezGene). LARG has also been implicated in linking heterotrimeric G proteins to microtubule organisation in regulation of cell polarity.

Gene ID: 23365

Pathways: [Neurotrophin Signaling Pathway](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

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