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Datasheet for ABIN1695157

anti-ARHGEF18 antibody (AA 501-600) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	ARHGEF18
Binding Specificity:	AA 501-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF18 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARHGEF18/p114RhoGEF
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	ARHGEF18
Alternative Name:	ARHGEF18 (ARHGEF18 Products)
Background:	Synonyms: 114 kDa Rho specific guanine nucleotide exchange factor, ARHGEF 18, ARHGEF18,

Target Details

KIAA0521, MGC15913, p114 Rho GEF, p114-Rho-GEF, Rho specic guanine nucleotide exchange factor p114, Rho-specic guanine nucleotide exchange factor p114, Rho/Rac guanine nucleotide exchange factor GEF 18, Rho/Rac guanine nucleotide exchange factor 18, SA RhoGEF, Septin associated RhoGEF, ARHGL_HUMAN.

Background: Rho GTPases are GTP binding proteins that regulate a wide spectrum of cellular functions. These cellular processes include cytoskeletal rearrangements, gene transcription, cell growth and motility. Activation of Rho GTPases is under the direct control of guanine nucleotide exchange factors (GEFs). The protein encoded by this gene is a guanine nucleotide exchange factor and belongs to the Rho GTPase GFE family. Family members share a common feature, a Dbl (DH) homology domain followed by a pleckstrin (PH) homology domain.

Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2008].

Gene ID: 23370

Pathways: [Neurotrophin Signaling Pathway](#)

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.

Handling

Expiry Date: 12 months