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Datasheet for ABIN1698794

## anti-ARHGEF18 antibody (AA 501-600) (Alexa Fluor 647)

### 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 647
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 ( <a href="#">ARHGEF18 Products</a> )
Background:	Synonyms: 114 kDa Rho specific guanine nucleotide exchange factor, ARHGEF 18, ARHGEF18,

## Target Details

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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].

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Gene ID: 23370

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Pathways: [Neurotrophin Signaling Pathway](#)

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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

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Preservative: ProClin

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

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Storage: -20 °C

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

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## Handling

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Expiry Date: 12 months