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Datasheet for ABIN1714109  
**anti-ARHGEF18 antibody (AA 501-600)**

## Overview

Quantity:	100 µL
Target:	ARHGEF18
Binding Specificity:	AA 501-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF18 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## 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> )

## Target Details

Background:	<p>Synonyms: 114 kDa Rho specic guanine nucleotide exchange factor, ARHGEF 18, ARHGEF18, KIAA0521, MGC15913, p114 Rho GEF, p114-Rho-GEF, Rho specic guanine nucleotide exchange factor p114, Rho-specific 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.</p> <p>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].</p>
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Gene ID:	23370
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Pathways:	<a href="#">Neurotrophin Signaling Pathway</a>
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## Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

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	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months