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Datasheet for ABIN681943  
**anti-ARHGEF7 antibody (AA 201-300)**

### Overview

Quantity:	100 µL
Target:	ARHGEF7
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF7 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARHG7.
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	ARHGEF7
Alternative Name:	ARHG7 ( <a href="#">ARHGEF7 Products</a> )

## Target Details

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Background:	<p>Synonyms: ARHG7_HUMAN, ARHG7, ARHGEF 7, ARHGEF7, Beta pix, betaPix, betaPix-b, betaPix-c, Cool, COOL1, P50 antibody P50BP, P85, P85COOL1, P85SPR, PAK interacting exchange factor beta, PAK3, Pak3bp, PAK3BP, PIX, PIXB, Rho guanine nucleotide exchange factor GEF 7, Rho guanine nucleotide exchange factor GEF 7b, Rho guanine nucleotide exchange factor GEF7, Rho guanine nucleotide exchange factor 7, SH3 domain containing proline rich protein, Nbla10314, KIAA0142.</p> <p>Background: ARHGEF7 is a p21-activated protein kinase (Pak)-interacting exchange factor that has been identified as a putative guanine nucleotide exchange factor (GEF) for Rac/Cdc42. It is expressed ubiquitously in all the tissue examined and other isoforms are expressed mainly in the central nervous system. Regulated phosphorylation of ARHGEF7 is necessary to maintain the balance between normal signalling by EGFR and Src versus aberrant growth and transformation. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene, but some of their full-length sequences have not been determined.</p>
Gene ID:	8874
Pathways:	<a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">EGFR Downregulation</a>

## Application Details

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

## Handling

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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.

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months