



[Go to Product page](#)

Datasheet for ABIN2855593  
**anti-ARHGAP4 antibody (N-Term)**

3 Images

### Overview

Quantity:	100 µL
Target:	ARHGAP4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGAP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human ARHGAP4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to ARHGAP4 (Rho GTPase activating protein 4) ARHGAP4 antibody [N1N2], N-term
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	ARHGAP4
---------	---------

## Target Details

---

Alternative Name:	Rho GTPase activating protein 4 ( <a href="#">ARHGAP4 Products</a> )
Background:	<p>This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins belonging to the RAS superfamily. The protein encoded by the orthologous gene in rat is localized to the Golgi complex and can redistribute to microtubules. The rat protein stimulates the activity of some Rho GTPases in vitro. Genomic deletions of this gene and a neighboring gene have been found in patients with nephrogenic diabetes insipidus. Multiple transcript variants encoding different isoforms have been found for this gene.</p> <p>Cellular Localization: Cytoplasm</p>
Molecular Weight:	105 kDa
Gene ID:	393
UniProt:	<a href="#">P98171</a>
Pathways:	<a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Cell Size</a>

## Application Details

---

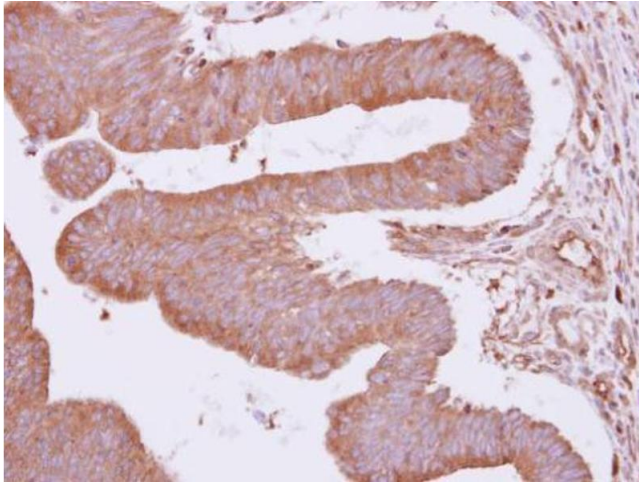
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Jurkat
Restrictions:	For Research Use only

## Handling

---

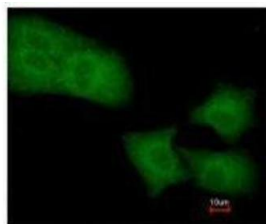
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

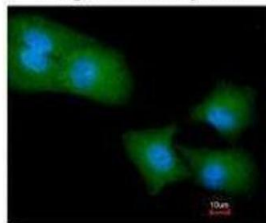


### Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using ARHGAP4, antibody at 1:500 dilution.

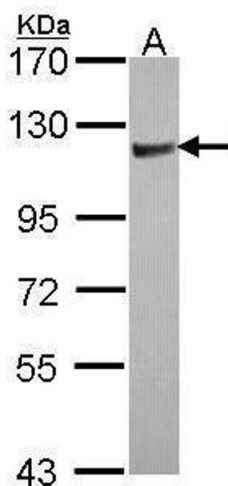


Merged with DNA probe



### Immunofluorescence

**Image 2.** ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A549, using Rho GAP4, antibody at 1:200 dilution.



### Western Blotting

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A: JurKat 7.5% SDS PAGE antibody diluted at 1:1000