Datasheet for ABIN954549

anti-ARHGAP44 antibody (C-Term)

3 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	ARHGAP44
Binding Specificity:	AA 791-819, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGAP44 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 791-819 amino acids from the C-terminal region of Human RICH2. Genename: RICH2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human RICH2 (C-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	ARHGAP44
Alternative Name:	RICH2 (ARHGAP44 Products)

Target Details

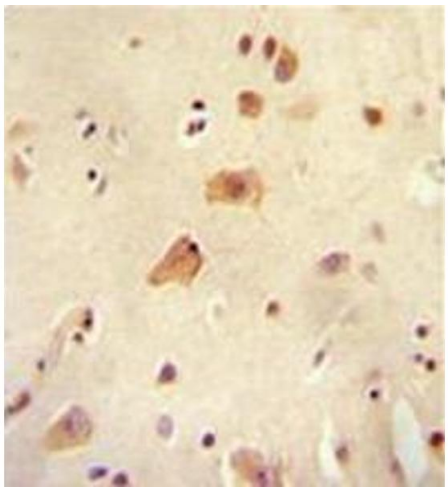
Background:	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Acts as a GTPase activitor in vitro for CDC42 and RAC1.Synonyms: KIAA0672, RICH-2, Rho GTPase-activating protein RICH2, RhoGAP interacting with CIP4 homologs protein 2
Molecular Weight:	89247 Da
Gene ID:	9912
NCBI Accession:	NP_055674

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

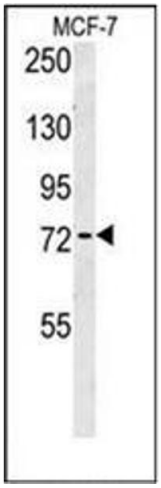
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



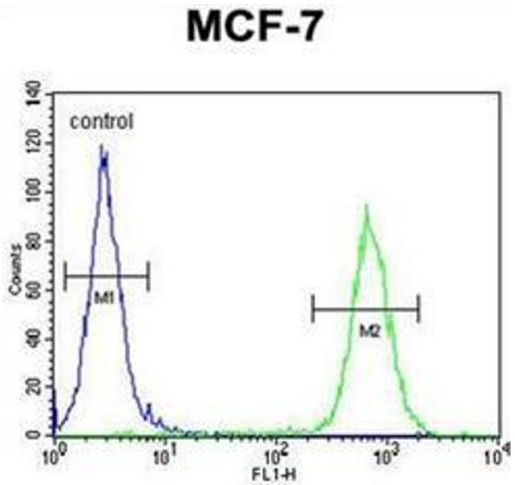
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin fixed, paraffin embedded human brain tissue stained with RICH2 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 2. Western blot analysis of RICH2 Antibody (C-term) in MCF-7 cell line lysates (35ug/lane). This demonstrates the RICH2 antibody detected the RICH2 protein (arrow).



Flow Cytometry

Image 3. Flow cytometric analysis of MCF-7 cells using RICH2 Antibody (C-term) Cat.-No AP53665PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.