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Datasheet for ABIN654613

anti-ARHGAP44 antibody (C-Term)





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Overview	
Quantity:	400 μL
Target:	ARHGAP44
Binding Specificity:	AA 784-811, 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))
Product Details	
Immunogen:	This RICH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 784-811 amino acids from the C-terminal region of human RICH2.
Clone:	RB30114
Isotype:	lg Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	ARHGAP44

Target Details

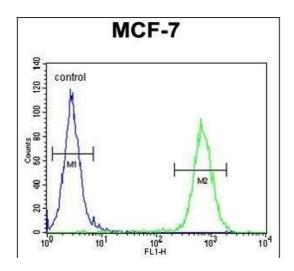
Alternative Name:	RICH2 (ARHGAP44 Products)
Background:	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Acts as a GTPase activitor in vitro for CDC42 and RAC1.
Molecular Weight:	89247
Gene ID:	9912
NCBI Accession:	NP_055674
UniProt:	Q17R89

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

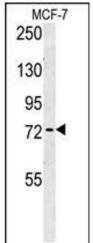
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



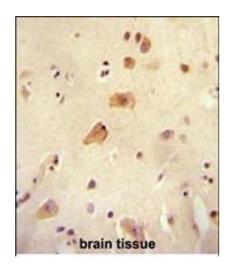
Flow Cytometry

Image 1. RICH2 Antibody (C-term) (ABIN654613 and ABIN2844313) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. RICH2 Antibody (C-term) (ABIN654613 and ABIN2844313) western blot analysis in MCF-7 cell line lysates (35 μ g/lane). This demonstrates the RICH2 antibody detected the RICH2 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. RICH2 antibody (C-term) (ABIN654613 and ABIN2844313) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RICH2 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.