



Lfc Polyclonal Antibody

Catalog No BYab-16181 Isotype IgG Reactivity Human,Rat,Mouse; Applications WB;IHC;IF;ELISA Gene Name ARHGEF2 Protein Name Rho guanine nucleotide exchange factor 2 Immunogen The antiserum was produced against synthesized peptide derived from in-ternal human ARHGEF2. AA range:383-432 Specificity Lfc Polyclonal Antibody detects endogenous levels of Lfc protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms ARHGEF2: KIAA0651; LFP40; Rho guanine nucleotide exchange factor 2; Guanine nucleotide exchange factor 11; GEF-H1; Microtubule-regulated Rho-GEF: Proliferating cell nucleolar antigen p40 Observed Band 101kD Cell Pathway Cytoplasm, cytoskeleton. Cytoplasm. Cell junction, tight junction. Golgi apparatus: Cytopkasm, cytoskeleton, spinde: Cell projection, ruffler membrane et type intension of polarized epithelial cells (PubMed/36560), Colocalized with MOD2 and RIPK2 in vesicles and with the cytoskeleton et type intension of polarized epithelial cells (PubMed		
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Nanjing BYabscience technology Co.,Ltd	Function	GTP on RhoA.,domain:The PH (pleckstrin-homology) domain is involved in
		Nanjing BYabscience technology Co.,Ltd

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Rho-GTPases by promoting the exchange of GDP for GTP. May be involved in epithelial barrier permeability, cell motility and polarization, dendritic spine morphology, antigen presentation, leukemic cell differentiation, cell cycle regulation, and cancer. Binds Rac-GTPases, but does not seem to promote nucleotide exchange activity toward Rac-GTPases, which was uniquely reported in PubMed:9857026. May stimulate instead the cortical activity of Rac. Inactive toward CDC42, TC10, or Ras-GTPases.,online information:ARHGEF2 entry,PTM:Phosphorylation of Ser-886 by PAK1 induces binding to protein 14-3-3 zeta, promoting its relocation to microtubules and the inhibition of its activit
Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate rho-dependent signals. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Jun 2009],
Avoid repeated freezing and thawing!
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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Western blot analysis of lysates from RAW264.7 cells, using ARHGEF2 Antibody. The lane on the right is blocked with the synthesized peptide.

ARHGEF

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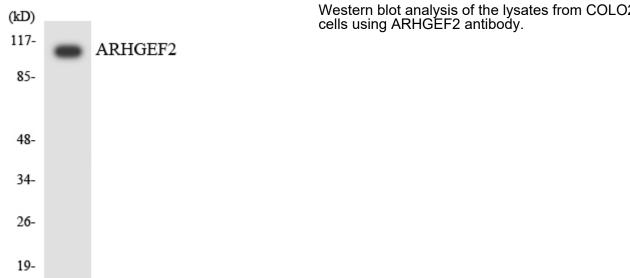
025-5229-8998 监督电话: 15950492658

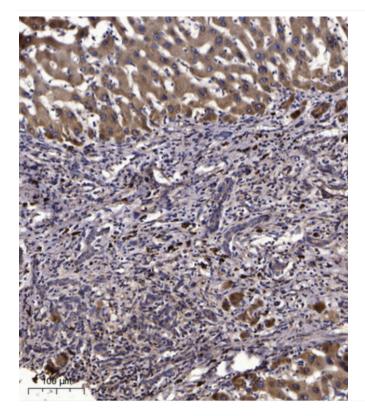


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Western blot analysis of the lysates from COLO205 cells using ARHGEF2 antibody.





Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).

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