



CdGAP (phospho Thr789) rabbit pAb

Cat No.:ES6913

For research use only

Overview

Product Name	CdGAP (phospho Thr789) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human CdGAP (phospho Thr789)
Specificity	Phospho-CdGAP (T789) Polyclonal Antibody detects endogenous levels of CdGAP protein only when phosphorylated at T789.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Rho GTPase-activating protein 31
Gene Name	ARHGAP31
Cellular localization	cytosol,focal adhesion,lamellipodium,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	57514
Human Swiss-Prot Number	Q9ULL6
Alternative Names	ARHGAP31; CDGAP; KIAA1204; Rho GTPase-activating protein 31; Cdc42 GTPase-activating protein
Background	This gene encodes a GTPase-activating protein (GAP). A variety of cellular processes are regulated by Rho GTPases which cycle between an inactive form bound to GDP and an active form bound to

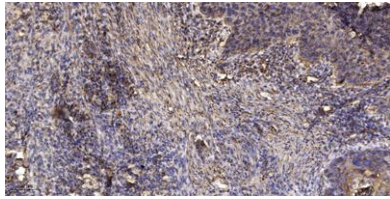




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GTP. This cycling between inactive and active forms is regulated by guanine nucleotide exchange factors and GAPs. The encoded protein is a GAP shown to regulate two GTPases involved in protein trafficking and cell growth. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 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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