

CdGAP (Phospho Thr789) Rabbit pAb

CatalogNo: YP1086

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, IF, ELISA

MW

- 157kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IHC 1:100-1:300**ELISA 1:40000****IF 1:50-200**

Basic Information

Clonality Polyclonal

Immunogen Information

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. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): PPTPL

Target Information

Gene name ARHGAP31

Protein Name Rho GTPase-activating protein 31

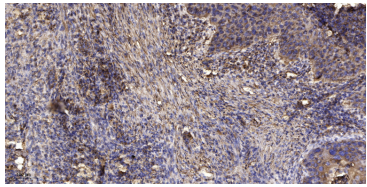
Organism	Gene ID	UniProt ID
Human	57514 ;	Q9ULL6 ;

Cellular Localization cytosol,focal adhesion,lamellipodium,

Tissue specificity Brain,

Function developmental stage:Mainly expressed in fetal heart and muscle.,Function:Functions as a GTPase-activating protein (GAP) for RAC1 and CDC42. Required for cell spreading, polarized lamellipodia formation and cell migration.,PTM:Phosphorylation on Thr-789 reduces GAP activity.,similarity:Contains 1 Rho-GAP domain.,subunit:Interacts with ITSN1, which inhibits GAP activity. Interacts with PARVA.,

Validation Data



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).

Contact information

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