

Anti-Human/Mouse CDC42EP5 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02628

3th Edition

Description: Cell division control protein 42 (CDC42), a small Rho GTPase, regulates the formation of F-actin-containing structures through its interaction with the downstream effector proteins. The protein encoded by this gene is a member of the Borg (binder of Rho GTPases) family of CDC42 effector proteins. Borg family proteins contain a CRIB (Cdc42/Rac interactive-binding) domain. They bind to CDC42 and regulate its function negatively. The encoded protein may inhibit c-Jun N-terminal kinase (JNK) independently of CDC42 binding. The protein may also play a role in septin organization and inducing pseudopodia formation in fibroblasts. CDC42EP5 (CDC42 Effector Protein 5) is a Protein Coding gene. Among its related pathways are CDK-mediated phosphorylation and removal of Cdc6 and ERK Signaling. GO annotations related to this gene include GTP-Rho binding. An important paralog of this gene is CDC42EP1.

Antigen: Synthesized peptide derived from the N-terminal region of human Cdc42EP5

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: