

Anti-CDC42EP2 Antibody

Rabbit polyclonal antibody to CDC42EP2 Catalog # AP60086

Product Information

Application WB, IHC
Primary Accession O14613
Other Accession O8|ZX9

Reactivity Human, Mouse, Rat, Monkey

Host Rabbit
Clonality Polyclonal
Calculated MW 22484

Additional Information

Gene ID 10435

Other Names BORG1; CEP2; Cdc42 effector protein 2; Binder of Rho GTPases 1

Target/Specificity KLH-conjugated synthetic peptide encompassing a sequence within the

N-term region of human CDC42EP2. The exact sequence is proprietary.

Dilution WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC

(1/100 - 1/200)

Format Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30%

glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name CDC42EP2

Synonyms BORG1, CEP2

Function Probably involved in the organization of the actin cytoskeleton. May act

downstream of CDC42 to induce actin filament assembly leading to cell shape

changes. Induces pseudopodia formation in fibroblasts in a

CDC42-dependent manner.

Cellular Location Endomembrane system; Peripheral membrane protein. Cytoplasm,

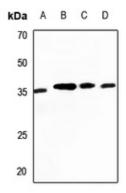
cytoskeleton

Tissue Location Highly expressed in the heart. Weakly expressed in the pancreas and liver.

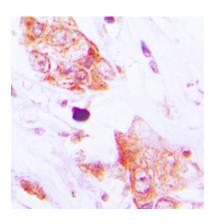
Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CDC42EP2. The exact sequence is proprietary.

Images



Western blot analysis of CDC42EP2 expression in Hela (A), mouse heart (B), mouse testis (C), rat testis (D) whole cell lysates.



Immunohistochemical analysis of CDC42EP2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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