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# Cdc42EP2 Polyclonal Antibody

Catalog # AP68991

## Product Information

| | |
|---|---|
| **Application** | WB, IHC-P, IF, ICC, E |
| **Primary Accession** | O14613 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 22484 |

## Additional Information

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|---|---|
| **Gene ID** | 10435 |
| **Other Names** | CDC42EP2; BORG1; CEP2; Cdc42 effector protein 2; Binder of Rho GTPases 1 |
| **Dilution** | WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A |
| **Format** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| **Storage Conditions** | -20℃ |

## Protein Information

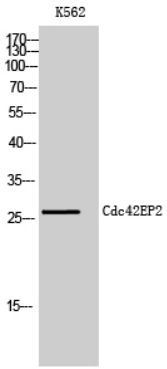
| | |
|---|---|
| **Name** | CDC42EP2 |
| **Synonyms** | BORG1, CEP2 |
| **Function** | Probably involved in the organization of the actin cytoskeleton. May act downstream of CDC42 to induce actin filament assembly leading to cell shape changes. Induces pseudopodia formation in fibroblasts in a CDC42-dependent 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

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.

## Images




Western Blot analysis of K562 cells using Cdc42EP2 Polyclonal Antibody

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