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# CDC42EP2 Antibody (aa10-59)
**Rabbit Polyclonal Antibody**
**Catalog # ALS16645**

## Specification

### CDC42EP2 Antibody (aa10-59) - Product Information

| | |
|---|---|
| Application | **IHC, WB** |
| Primary Accession | O14613 |
| Other Accession | 10435 |
| Reactivity | **Human, Mouse, Rat** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **IgG** |
| Calculated MW | **22484** |

### CDC42EP2 Antibody (aa10-59) - Additional Information

**Gene ID** 10435

**Other Names**
CDC42EP2, Binder of Rho GTPases 1, BORG1, Cdc42 effector protein 2, CRIB-containing BOGR1 protein, CEP2

**Target/Specificity**
BORG1 Antibody detects endogenous levels of total BORG1 protein.

**Reconstitution & Storage**
PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol. Store at -20°C for up to one year.

**Precautions**
CDC42EP2 Antibody (aa10-59) is for research use only and not for use in diagnostic or therapeutic procedures.

### CDC42EP2 Antibody (aa10-59) - 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.

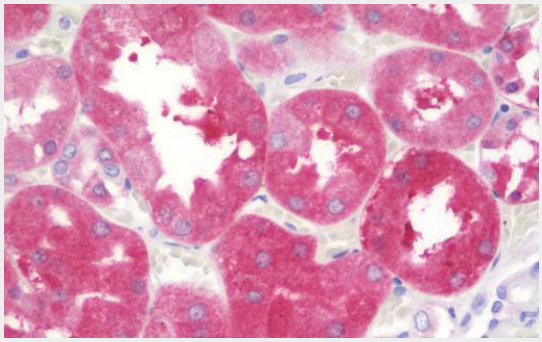
**Volume**
50 µl

## CDC42EP2 Antibody (aa10-59) - Protocols

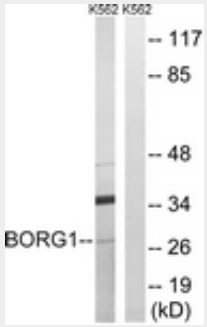
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## CDC42EP2 Antibody (aa10-59) - Images



Anti-CDC42EP2 antibody IHC staining of human kidney.




Western blot of extracts from K562 cells, using BORG1 Antibody.

## CDC42EP2 Antibody (aa10-59) - 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.

## CDC42EP2 Antibody (aa10-59) - References

Guru S.C.,et al.Genome Res. 7:725-735(1997).
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