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CDC42EP4 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13692

Specification

CDC42EP4 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q9H3Q1
Other Accession	NM_012121, NP_036253
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Chicken, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38kDa KDa**

CDC42EP4 antibody - N-terminal region - Additional Information

Gene ID 23580

Alias Symbol	**BORG4, CEP4, KAIA1777, MGC17125, MGC3740**

Other Names
Cdc42 effector protein 4, Binder of Rho GTPases 4, CDC42EP4, BORG4, CEP4

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-CDC42EP4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
CDC42EP4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CDC42EP4 antibody - N-terminal region - Protein Information

Name CDC42EP4

Synonyms BORG4, CEP4

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, when overexpressed in fibroblasts.

Cellular Location
Endomembrane system; Peripheral membrane protein. Cytoplasm, cytoskeleton

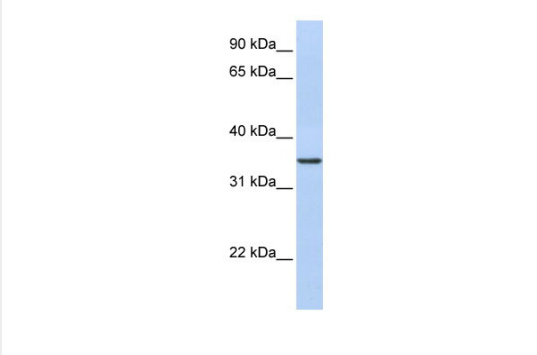
Tissue Location
Not detected in any of the adult tissues tested. May be expressed only in fetal or embryonic tissues

CDC42EP4 antibody - N-terminal region - Protocols

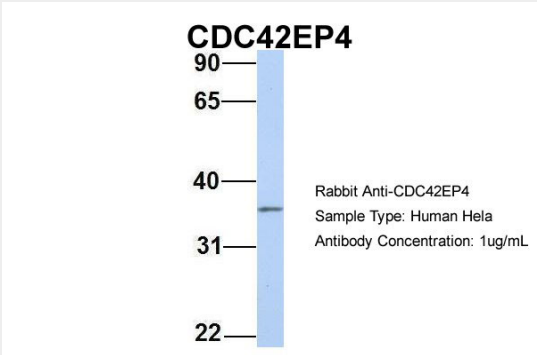
Provided below are standard protocols that you may find useful for product applications.

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

CDC42EP4 antibody - N-terminal region - Images



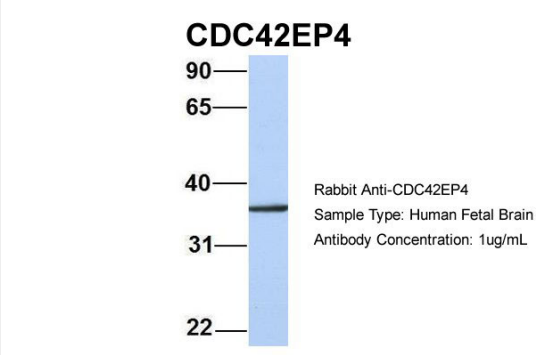
WB Suggested Anti-CDC42EP4 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: 721_B cell lysate
There is BioGPS gene expression data showing that CDC42EP4 is expressed in 721_B



Host:Rabbit
Target Name:CDC42EP4
Sample Tissue:Hela
Antibody Dilution: 1.0µg/mlCDC42EP4 is strongly supported by BioGPS gene expression data to be

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expressed in Human HeLa cells



Host:Rabbit
Target Name:CDC42EP4
Sample Tissue:Human Fetal Brain
Antibody Dilution: 1.0µg/ml

CDC42EP4 antibody - N-terminal region - References

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Hirsch D.S.,et al.J. Biol. Chem. 276:875-883(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
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