

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

CDC42EP4 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9H3Q1
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

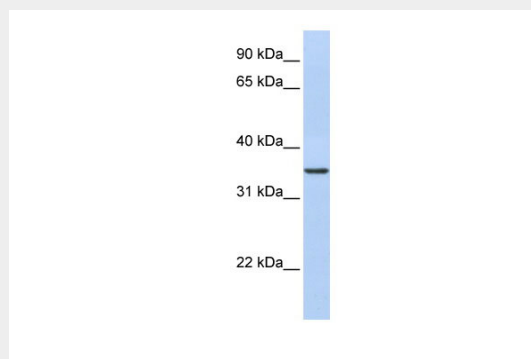
Not detected in any of the adult tissues tested. May be expressed only in fetal or embryonic tissues

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 Cytometry](#)
- [Cell Culture](#)

CDC42EP4 antibody - N-terminal region - Images

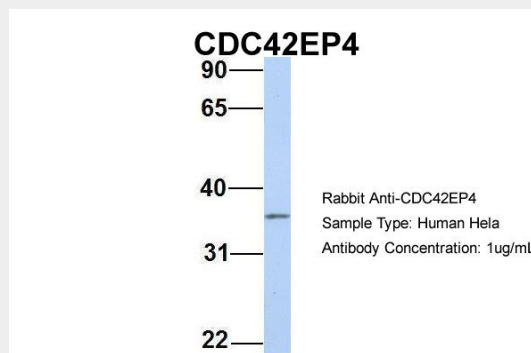


WB Suggested Anti-CDC42EP4 Antibody Titration: 0.2-1 µg/ml

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

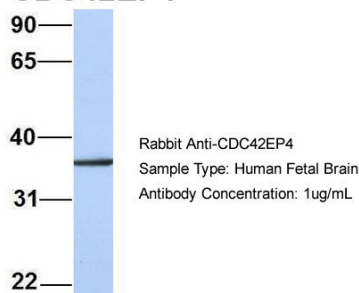
Target Name:CDC42EP4

Sample Tissue:Hela

Antibody Dilution: 1.0µg/ml CDC42EP4 is strongly supported by BioGPS gene expression data to be

expressed in Human HeLa cells

CDC42EP4



Host:Rabbit

Target Name:CDC42EP4

Sample Tissue:Human Fetal Brain

Antibody Dilution: 1.0µg/ml

CDC42EP4 antibody - N-terminal region - References

- Osada N.,et al.J. Hum. Genet. 45:374-377(2000).
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).
Olsen J.V.,et al.Cell 127:635-648(2006).