

CDC42EP4 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13692

Product Information

Application	WB
Primary Accession	Q9H3Q1
Other Accession	NM_012121 , NP_036253
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37980

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.

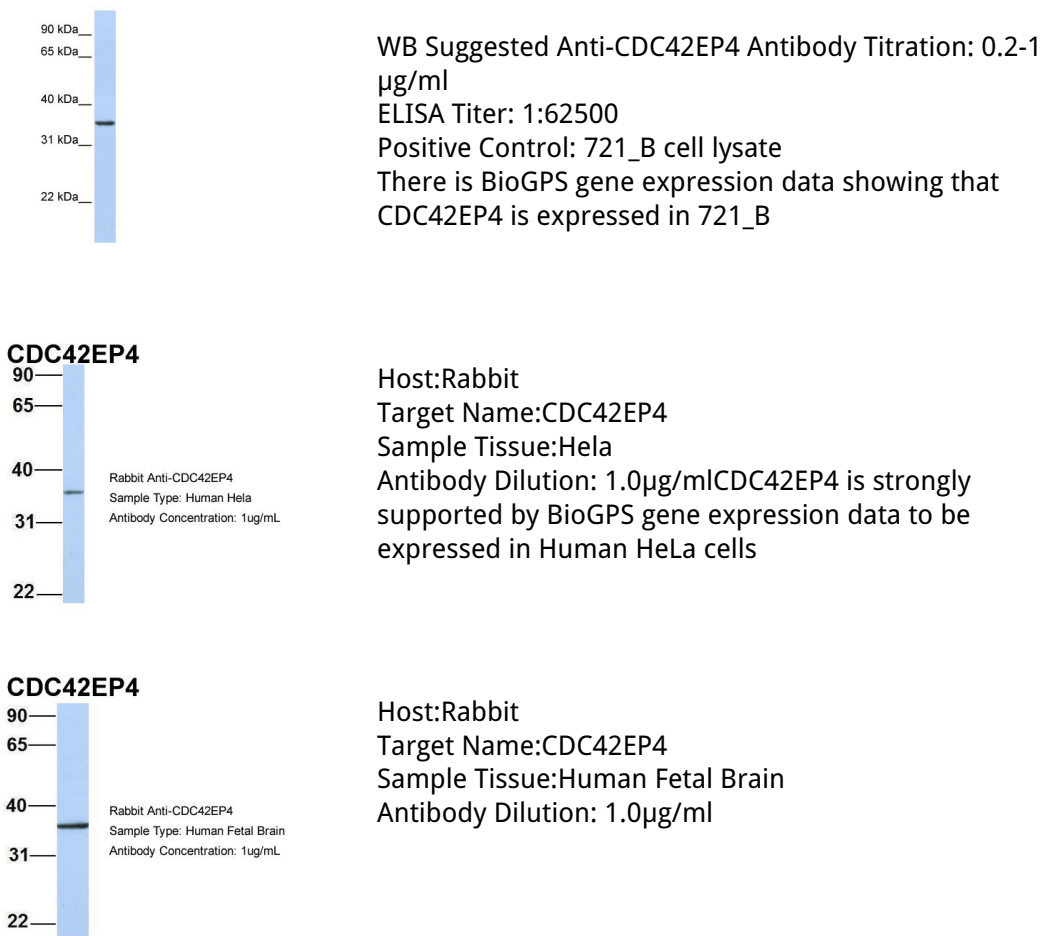
Protein Information

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

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).

Images



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