

CDC42EP5 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13458**Specification**

CDC42EP5 antibody - middle region - Product Information

Application	WB
Primary Accession	Q6NZY7
Other Accession	NM_145057 , NP_659494
Reactivity	Human, Mouse, Rat, Bovine, Dog
Predicted	Mouse, Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15kDa KDa

CDC42EP5 antibody - middle region - Additional Information**Gene ID** 148170**Alias Symbol** **Borg3, CEP5, MGC21945, MGC71153****Other Names**

Cdc42 effector protein 5, Binder of Rho GTPases 3, CDC42EP5, BORG3, CEP5

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-CDC42EP5 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

CDC42EP5 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

CDC42EP5 antibody - middle region - Protein Information**Name** CDC42EP5**Synonyms** BORG3, CEP5**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. Inhibits MAPK8 independently of CDC42 binding. Controls septin organization and this effect is negatively regulated by CDC42 (By similarity).

Cellular Location

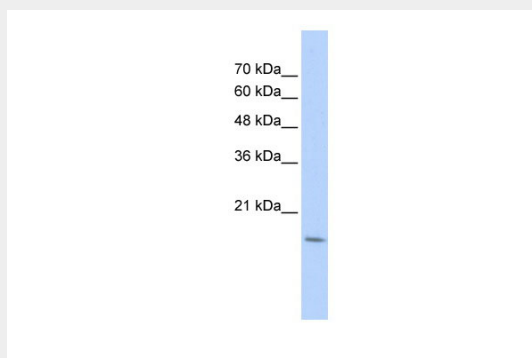
Endomembrane system; Peripheral membrane protein. Cytoplasm, cytoskeleton

CDC42EP5 antibody - middle 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](#)

CDC42EP5 antibody - middle region - Images



WB Suggested Anti-CDC42EP5 Antibody Titration: 0.2-1 μ g/ml
ELISA Titer: 1:312500
Positive Control: Transfected 293T

CDC42EP5 antibody - middle region - References

Grimwood J., et al. Nature 428:529-535(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.