

Cdc42EP5 Polyclonal Antibody
Catalog # AP68994**Specification**

Cdc42EP5 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q6NZY7
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

Cdc42EP5 Polyclonal Antibody - Additional Information**Gene ID** 148170**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Cdc42EP5 Polyclonal Antibody - 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

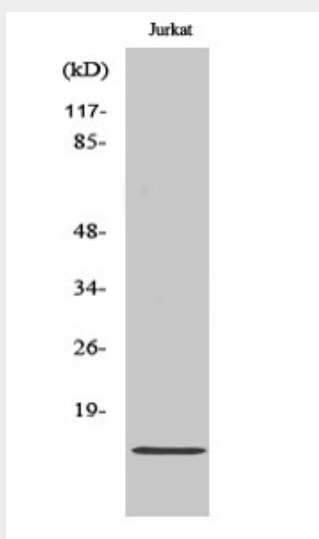
Endomembrane system; Peripheral membrane protein. Cytoplasm, cytoskeleton

Cdc42EP5 Polyclonal Antibody - Protocols

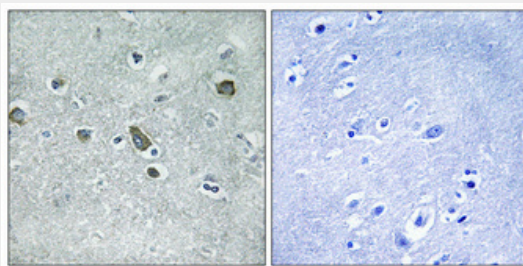
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cdc42EP5 Polyclonal Antibody - Images



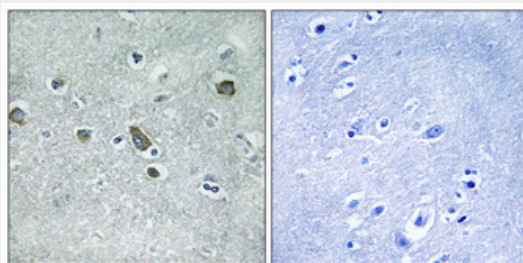
Western Blot analysis of various cells using Cdc42EP5 Polyclonal Antibody diluted at 1:500



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



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