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Cdc42EP5 Polyclonal Antibody

Catalog # AP68994

Product Information

Application	WB, IHC-P
Primary Accession	Q6NZY7
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15207

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℃

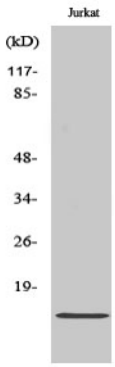
Protein Information

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

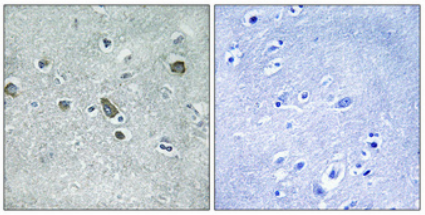
Background

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).

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. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.