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Anti-CDC42EP5 Antibody

Catalog # AP60439

Product Information

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

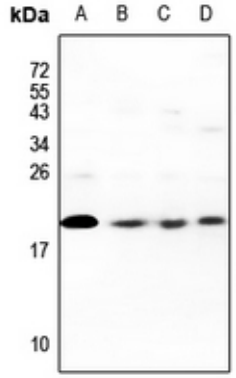
Additional Information

Gene ID	148170
Other Names	BORG3; CEP5; Cdc42 effector protein 5; Binder of Rho GTPases 3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CDC42EP5. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

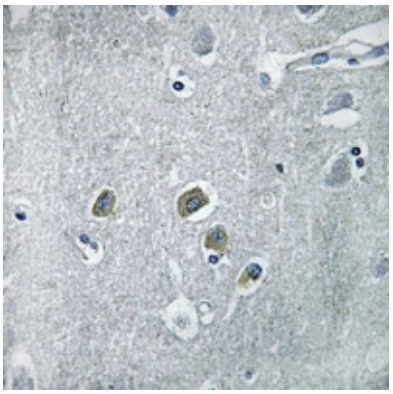
Protein Information

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

Images



Western blot analysis of CDC42EP5 expression in CT26 (A), PC12 (B), HepG2 (C), A549 (D) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 19 kD)



Immunohistochemical analysis of CDC42EP5 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.