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Anti-CDC42EP3 Antibody

Catalog # AP60943

Product Information

Application	WB, IHC
Primary Accession	Q9UKI2
Reactivity	Human, Mouse, Rat, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27678

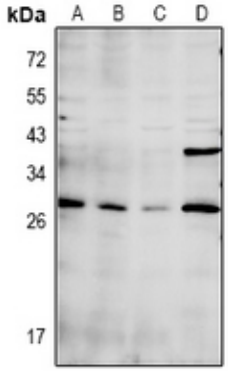
Additional Information

Gene ID	10602
Other Names	BORG2; CEP3; Cdc42 effector protein 3; Binder of Rho GTPases 2; MSE55-related Cdc42-binding protein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CDC42EP3. 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

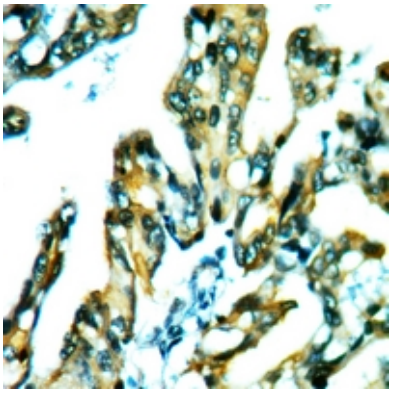
Protein Information

Name	CDC42EP3
Synonyms	BORG2, CEP3
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.
Cellular Location	Endomembrane system; Peripheral membrane protein. Cytoplasm, cytoskeleton
Tissue Location	Highly expressed in the heart and weakly in the brain.

Images



Western blot analysis of CDC42EP3 expression in C6 (A), CT26 (B), COS7 (C), MCF7 (D) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 27 kD)



Immunohistochemical analysis of CDC42EP3 staining in human colorectal cancer 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'.