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anti-CDC42EP2 antibody



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Overview	
Quantity:	100 μL
Target:	CDC42EP2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC42EP2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human CDC42EP2.

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	The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Mouse	
Purification:	Purified by antigen-affinity chromatography.	

Target Details

Target:	CDC42EP2
Alternative Name:	CDC42 effector protein 2 (CDC42EP2 Products)
Background:	CDC42 effector protein 2, BORG1, CEP2,CDC42, a small Rho GTPase, regulates the formation of F-actin-containing structures through its interaction with the downstream effector proteins.
	The protein encoded by this gene is a member of the Borg family of CDC42 effector proteins.

Target Details

	Borg family proteins contain a CRIB (Cdc42/Rac interactive-binding) domain. They bind to, and negatively regulate the function of, CDC42. Coexpression of this protein with dominant negative mutant CDC42 protein in fibroblast was found to induce pseudopodia formation, which suggested a role of this protein in actin filament assembly and cell shape control. [provided by RefSeq]
Molecular Weight:	22 kDa
Gene ID:	10435
UniProt:	014613
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.	
	Not tested in other applications.	
Comment:	Positive Control: Mouse heart	
Restrictions:	For Research Use only	

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.