

产品名称: Cdc42EP2 Rabbit Polyclonal Antibody
产品货号: APRab08519



产品概述 (Summary)

产品名称 (Production Name)	Cdc42EP2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CDC42EP2
别名 (Alternative Names)	CDC42EP2; BORG1; CEP2; Cdc42 effector protein 2; Binder of Rho GTPases 1
基因 ID (Gene ID)	10435.0
蛋白 ID (SwissProt ID)	O14613.The antiserum was produced against synthesized peptide derived from human BORG1. AA range:10-59

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	28kDa

研究背景 (Background)

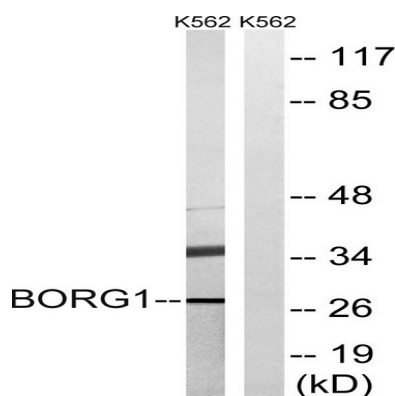
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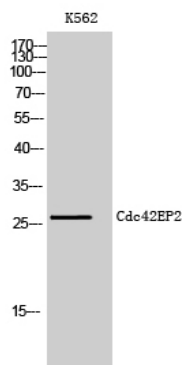
CDC42, a small Rho GTPase, regulates the formation of F-actin-containing structures through its interaction with the downstream effector proteins. The protein encoded by this gene is a member of the Borg family of CDC42 effector proteins. Borg family proteins contain a CRIB (Cdc42/Rac interactive-binding) domain. They bind to, and negatively regulate the function of CDC42. Coexpression of this protein with CDC42 suggested a role of this protein in actin filament assembly and cell shape control. [provided by RefSeq, Aug 2011], domain: The CRIB domain mediates interaction with CDC42., 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 in a CDC42-dependent manner., similarity: Belongs to the BORG/CEP family., similarity: Contains 1 CRIB domain., subunit: Interacts with RHOQ and CDC42 in a GTP-dependent manner, and with SEPT7., tissue specificity: Highly expressed in the heart. Weakly expressed in the pancreas and liver.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from K562 cells, using BORG1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of K562 cells using Cdc42EP2 Polyclonal Antibody

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注意事项 (Note)

For research use only .