

产品名称: Cdc42EP5 Rabbit Polyclonal Antibody
产品货号: APRab08522



产品概述 (Summary)

产品名称 (Production Name)	Cdc42EP5 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

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)	CDC42EP5
别名 (Alternative Names)	CDC42EP5; BORG3; CEP5; Cdc42 effector protein 5; Binder of Rho GTPases 3
基因 ID (Gene ID)	148170.0
蛋白 ID (SwissProt ID)	Q6NZY7.The antiserum was produced against synthesized peptide derived from human BORG3. AA range:1-50

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)	22kDa

研究背景 (Background)

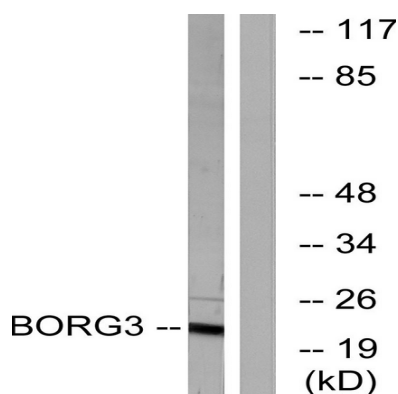
产品名称: Cdc42EP5 Rabbit Polyclonal Antibody
产品货号: APRab08522



Cell division control protein 42 (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 (binder of Rho GTPases) family of CDC42 effector proteins. Borg family proteins contain a CRIB (Cdc42/Rac interactive-binding) domain. They bind to CDC42 and regulate its function negatively. The encoded protein may inhibit c-Jun N-terminal kinase (JNK) independently of CDC42 binding. The protein may also play a role in septin organization and inducing pseudopodia formation in fibroblasts [provided by RefSeq, Jul 2013],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. Inhibits MAPK8 independently of CDC42 binding. Controls septin organization and this effect is negatively regulated by CDC42.,similarity:Belongs to the BORG/CEP family.,similarity:Contains 1 CRIB domain.,subunit:Interacts with CDC42, in a GTP-dependent manner, and with SEPT7.,

研究领域 (Research Area)

图片 (Image Data)

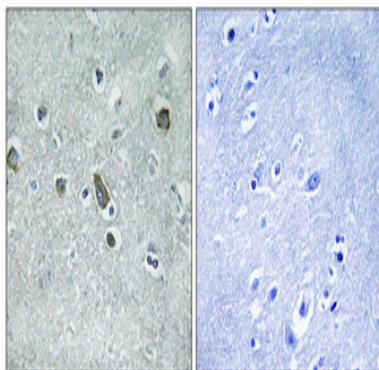


Western blot analysis of lysates from Jurkat cells, using BORG3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Cdc42EP5 Polyclonal Antibody diluted at 1: 500

产品名称: Cdc42EP5 Rabbit Polyclonal Antibody
产品货号: APRab08522



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

注意事项 (Note)

For research use only .