

产品名称: CYFIP1 Rabbit Monoclonal Antibody
产品货号: AMRe85477



产品概述 (Summary)

产品名称 (Production Name)	CYFIP1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
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)	Monoclonal
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)	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CYFIP1
别名 (Alternative Names)	SHYC; SRA1; SRA-1; P140SRA-1
基因 ID (Gene ID)	23191.0
蛋白 ID (SwissProt ID)	Q7L576.A synthetic peptide of human CYFIP1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW: 145 kDa; Observed MW: 145 kDa

研究背景 (Background)

Component of the CYFIP1-EIF4E-FMR1 complex which binds to the mRNA cap and mediates translational repression. In the

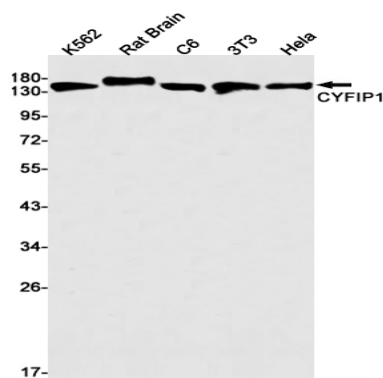
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CYFIP1-EIF4E-FMR1 complex this subunit is an adapter between EIF4E and FMR1. Promotes the translation repression activity of FMR1 in brain probably by mediating its association with EIF4E and mRNA . Regulates formation of membrane ruffles and lamellipodia. Plays a role in axon outgrowth. Binds to F-actin but not to RNA. Part of the WAVE complex that regulates actin filament reorganization via its interaction with the Arp2/3 complex. Actin remodeling activity is regulated by RAC1. Regulator of epithelial morphogenesis. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes . May act as an invasion suppressor in cancers.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of CYFIP1 in K562, rat Brain, C6, 3T3, HeLa lysates using CYFIP1 antibody.

注意事项 (Note)

For research use only .