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FGD4 Rabbit pAb

货号: AYP15918

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	20kDa/32kDa/86kDa
实测分子量	100kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,HeLa,HepG2,A-549,Rat brain
细胞定位	Cell projection,Cytoplasm,cytoskeleton,filopodium
纯化	Affinity purification

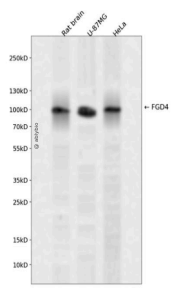
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 99-198 of human FGD4 (NP_640334.2).

靶点信息

研究背景	This gene encodes a protein that is involved in the regulation of the actin cytoskeleton and cell shape. Thi s protein contains an actin filament-binding domain, which together with its Dbl homology domain and on e of its pleckstrin homology domains, can form microspikes. This protein can activate MAPK8 independen tly of the actin filament-binding domain, and it is also involved in the activation of CDC42 via the exchan ge of bound GDP for free GTP. The activation of CDC42 also enables this protein to play a role in mediatin g the cellular invasion of Cryptosporidium parvum, an intracellular parasite that infects the gastrointestin al tract. Mutations in this gene can cause Charcot-Marie-Tooth disease type 4H (CMT4H), a disorder of the peripheral nervous system. Multiple alternatively spliced transcript variants encoding different isoforms h ave been found for this gene.
基因ID	121512
基因名	FGD4
Swiss	Q96M96 (https://www.uniprot.org/uniprotkb/Q96M96/entry)
别名	FGD4,CMT4H,FRABP,ZFYVE6,FYVE,FGD4 Rabbit pAb,Actin filament-binding protein frabin,FGD1-related F-actin-binding protein,Zinc finger FYVE domain-containing protein 6

产品验证



Western blot analysis of FGD4 expressed in Rat brain,U-87MG,HeLa using FGD4 Rabbit pAb at 1:1000. Sec ondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buf fer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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