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FGD4 Rabbit pAb

货号: B15918

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

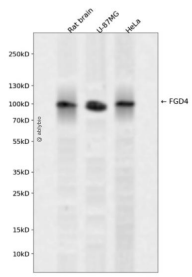
抗原信息

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

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 independent ly of the actin filament-binding domain, and it is also involved in the activation of CDC42 via the exchang e of bound GDP for free GTP. The activation of CDC42 also enables this protein to play a role in mediating the cellular invasion of Cryptosporidium parvum, an intracellular parasite that infects the gastrointestinal tract. Mutations in this gene can cause Charcot-Marie-Tooth disease type 4H (CMT4H), a disorder of the p eripheral nervous system. Multiple alternatively spliced transcript variants encoding different isoforms ha ve been found for this gene.
基因**ID**	121512
基因名	FGD4
Swiss	Q96M96
别名	FGD4;CMT4H;FRABP;ZFYVE6;FYVE

产品验证



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

实验步骤

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