

PIKFYVE Rabbit pAb

货号**: B13399**

产品信息

反应 Human,Mouse,Rat 宿主 Rabbit 克隆性 Polyclonal 微測反应 WB: Rattus norvegicus 应用 WB 推荐液度 WB: 1:100 - 1:500 理论分子量 50kDa/51kDa/61kDa/237kDa 実測分子量 250KDa 形式 Liquid 保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. 係联物 Unconjugated 同性対照 Mouse lung 细胞定位 Endosome membrane		
克隆性 Polyclonal 預測反应 WB: Rattus norvegicus 应用 WB 推荐來度 WB: 1:100 - 1:500 理论分子最 50kDa/51kDa/61kDa/237kDa 实例分子量 250KDa 形式 Liquid 保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. 偶联物 Unconjugated 附性对照 Mouse lung	反应	Human,Mouse,Rat
WB: Rattus norvegicus 应用 WB 推荐浓度 WB: 1:100 - 1:500 理论分子最 50kDa/51kDa/61kDa/237kDa 实調分子量 250KDa 形式 Liquid 保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. 偶联物 Unconjugated 阳性对照 Mouse lung	宿主	Rabbit
应用 WB 推荐浓度 WB: 1:100 - 1:500 理论分子量 50kDa/51kDa/61kDa/237kDa 实测分子量 250KDa 形式 Liquid 保存条件 Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. 偶戰物 Unconjugated 阳性对照 Mouse lung	克隆性	Polyclonal
# 推荐浓度 WB: 1:100 - 1:500 理论分子量 50kDa/51kDa/61kDa/237kDa 实测分子量 250KDa 形式 Liquid 保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. (明联物 Unconjugated 阳性对照 Mouse lung	预测反应	WB: Rattus norvegicus
理论分子量 50kDa/51kDa/61kDa/237kDa 实测分子量 250KDa 形式 Liquid 保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. (興联物 Unconjugated 阳性对照 Mouse lung	应用	WB
実測分子量 250KDa 形式 Liquid 保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. 偶联物 Unconjugated 阳性对照 Mouse lung	推荐浓度	WB: 1:100 - 1:500
形式 Liquid 保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. 【 Unconjugated 阳性对照 Mouse lung	理论分子量	50kDa/51kDa/61kDa/237kDa
保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. 【 Unconjugated Mouse lung	实测分子量	250KDa
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.	形式	Liquid
阳性对照 Mouse lung	保存条件	
	偶联物	Unconjugated
细胞定位 Endosome membrane	阳性对照	Mouse lung
	细胞定位	Endosome membrane
纯化 Affinity purification	纯化	Affinity purification

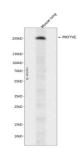
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 269-545 of human PIKF YVE (NP_055855.2).
序列	DLAWQSLIHPDSSNTPLSTRLVSVQEDAGKSPARNRSASITNLSLDRSGSPMVPSYETSVSPQANRTYVRTETTEDERKILL DSVQLKDLWKKICHHSSGMEFQDHRYWLRTHPNCIVGKELVNWLIRNGHIATRAQAIAIGQAMVDGRWLDCVSHHDQL FRDEYALYRPLQSTEFSETPSPDSDSVNSVEGHSEPSWFKDIKFDDSDTEQIAEEGDDNLANSASPSKRTSVSSFQSTVD SDSAASISLNVELDNVNFHIKKPSKYPHVPPHPADQK

靶点信息

研究背景	Phosphorylated derivatives of phosphatidylinositol (PtdIns) regulate cytoskeletal functions, membrane tra fficking, and receptor signaling by recruiting protein complexes to cell- and endosomal-membranes. Hum ans have multiple PtdIns proteins that differ by the degree and position of phosphorylation of the inositol ring. This gene encodes an enzyme (PIKfyve; also known as phosphatidylinositol-3-phosphate 5-kinase ty pe III or PIPKIII) that phosphorylates the D-5 position in PtdIns and phosphatidylinositol-3-phosphate (PtdI ns3P) to make PtdIns5P and PtdIns(3,5)biphosphate. The D-5 position also can be phosphorylated by type I PtdIns4P-5-kinases (PIP5Ks) that are encoded by distinct genes and preferentially phosphorylate D-4 pho sphorylated PtdIns. In contrast, PIKfyve preferentially phosphorylates D-3 phosphorylated PtdIns. In additi on to being a lipid kinase, PIKfyve also has protein kinase activity. PIKfyve regulates endomembrane hom eostasis and plays a role in the biogenesis of endosome carrier vesicles from early endosomes. Mutations in this gene cause corneal fleck dystrophy (CFD); an autosomal dominant disorder characterized by nume rous small white flecks present in all layers of the corneal stroma. Histologically, these flecks appear to be keratocytes distended with lipid and mucopolysaccharide filled intracytoplasmic vacuoles. Alternative s plicing results in multiple transcript variants encoding distinct isoforms.
基因ID	200576
基因名	PIKFYVE
Swiss	Q9Y2I7
别名	PIKFYVE;CFD;FAB1;HEL37;PIP5K;PIP5K3;ZFYVE29

产品验证



Western blot analysis of PIKFYVE expressed in Mouse lung using PIKFYVE Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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