

CDC42 Rabbit mAb

货号: **AYM30509**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IP: 1:20 - 1:50 FC: 1:20 - 1:50
理论分子量	21kDa
实测分子量	21kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	PC-3,NIH/3T3,Jurkat,C6,Mouse brain,Rat brain
细胞定位	Cell membrane,Cytoplasm,Cytoplasmic side,Lipid-anchor,Midbody,centrosome,cytoskeleton,microtubule organizing center,spindle
纯化	Affinity purification

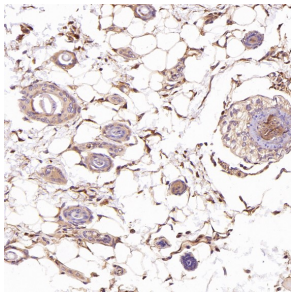
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human CDC42.
序列	DLRDDPSTIEKLAKNKQKPITPETAEKLRDLKAVKYVECSALTQKGLKNVFDEAILAALPEPKSRRCVLL

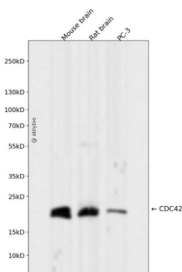
靶点信息

研究背景	The protein encoded by this gene is a small GTPase of the Rho-subfamily, which regulates signaling pathways that control diverse cellular functions including cell morphology, migration, endocytosis and cell cycle progression. This protein is highly similar to <i>Saccharomyces cerevisiae</i> Cdc 42, and is able to complement the yeast <i>cdc42-1</i> mutant. The product of oncogene <i>Dbl</i> was reported to specifically catalyze the dissociation of GDP from this protein. This protein could regulate actin polymerization through its direct binding to Neural Wiskott-Aldrich syndrome protein (N-WASP), which subsequently activates Arp2/3 complex. Alternative splicing of this gene results in multiple transcript variants. Pseudogenes of this gene have been identified on chromosomes 3, 4, 5, 7, 8 and 20.
基因ID	998
基因名	CDC42
Swiss	P60953
别名	CDC42;CDC42Hs;G25K;TKS

产品验证



Immunohistochemical analysis of paraffin-embedded Rat skin, using the Antibody at 1:200 dilution.



Western blot analysis of CDC42 expressed in Mouse brain, Rat brain, PC-3 using CDC42 Rabbit m Ab 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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