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MARK1

货号: AYP5515

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF ELISA
推荐浓度	**WB:** 1:500 - 1:2000 **IF:** 1:50 - 1:200
理论分子量	72kDa/84kDa/89kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,U-87MG
细胞定位	Cell membrane,Cytoplasm,Peripheral membrane protein,cytoskeleton
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human MARK1.

靶点信息

研究背景	Serine/threonine-protein kinase. Involved in cell polarity and microtubule dynamics regulation. Phosphorylates DCX, MAP2 and MAP4. Phosphorylates the microtubule-associated protein MAPT/TAU. Involved in cell polarity by phosphorylating the microtubule-associated proteins MAP2, MAP4 and MAPT/TAU at KXGS motifs, causing detachment from microtubules, and their disassembly. Involved in the regulation of neuronal migration through its dual activities in regulating cellular polarity and microtubule dynamics, possibly by phosphorylating and regulating DCX. Also acts as a positive regulator of the Wnt signaling pathway, probably by mediating phosphorylation of dishevelled proteins (DVL1, DVL2 and/or DVL3.
基因ID	4139
基因名	MARK1
Swiss	Q9P0L2 (https://www.uniprot.org/uniprotkb/Q9P0L2/entry)
别名	MARK1,MARK,Par-1c,Par1c,MAP/microtubule affinity-regulating kinase 1,PAR1 homolog c,KIAA1477

产品验证

实验步骤

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