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PLC γ2 (Phospho Tyr1217) Rabbit mAb

货号: AAY1955

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF ELISA
推荐浓度	**WB:** 1:500-1:2000 **IF:** 1:100-1:800 **ELISA:** 1:5000-1:20000
理论分子量	148kD
实测分子量	150kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.957.
偶联物	Unconjugated
阳性对照	U-251MG,Raji,Ramos
细胞定位	Membrane raft
纯化	亲和纯化

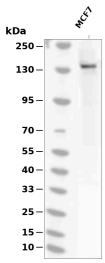
抗原信息

抗原信息	

靶点信息

研究背景	The protein encoded by this gene is a transmembrane signaling enzyme that catalyzes the conversion of 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate to 1D-myo-inositol 1,4,5-trisphosphate (IP3) and diacylglycerol (DAG) using calcium as a cofactor. IP3 and DAG are second messenger molecules important for transmitting signals from growth factor receptors and immune system receptors across the cell membrane. Mutations in this gene have been found in autoinflammation, antibody deficiency, and immune dysregulation syndrome and familial cold autoinflammatory syndrome 3.
基因ID	5336
基因名	PLCG2
Swiss	P16885 (https://www.uniprot.org/uniprotkb/P16885/entry)
别名	PLCG2;1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2;PLCG2;1-phosphatidylinositol 4;5-bisphosphate phosphodiesterase gamma-2;Phosphoinositide phospholipase C-gamma-2;Phospholipase C-IV;PLC-IV;Phospholipase C-gamma-2;PLC-gamma-2

产品验证



Western blot analysis of extracts from MCF7 cells using PLC γ2 (Phospho Tyr1217) at 1:1000.

实验步骤

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