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Phospho-PLCG2-Y1217 Rabbit pAb

货号: AYP25465

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF:** 1:100 - 1:300
理论分子量	147kDa
实测分子量	150kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Raji
细胞定位	cytoplasm,cytosol,extracellular exosome,perinuclear region of cytoplasm,plasma membrane,ruffle membrane
纯化	Affinity purification

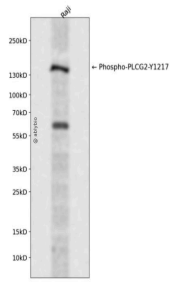
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y1217 of human PLCG2 (NP_002652.2).

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,APLAID,FCAS3,PLC-IV,PLC-gamma-2,Phospho-PLCG2-Y1217 Rabbit pAb,Phosphoinositide phospholipase C-gamma-2,Phospholipase C-IV,Phospholipase C-gamma-2

产品验证



Western blot analysis of Phospho-PLCG2-Y1217 expressed in Raji using Phospho-PLCG2-Y1217 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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