

Anti-PLC γ 1 Rabbit pAb

WL01601

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-PLC γ 1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human	
Tested applications	Western blot	1:500-1:1000
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>	
Molecular Wt.	149 kDa	
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

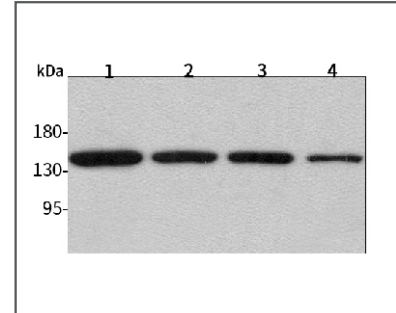
Background	The protein encoded by this gene catalyzes the formation of inositol 1,4,5-trisphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate. Phosphoinositide-specific phospholipase C (PLC) plays a crucial role in the initiation of receptor mediated signal transduction through the generation of the two second messengers, inositol 1,4,5-trisphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate. There are many mammalian PLC isozymes. PLC γ 1 is widely distributed in bronchiolar epithelium, type I and II pneumocytes and fibroblasts of the interstitial tissue. PLC γ 1 is rapidly activated in response to growth factor stimulation and plays an important role in regulating cell proliferation and differentiation. It may also have a protective function during cellular response to oxidative stress.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PLC γ 1.
Purification	Polyclonal antibody was purified by protein A affinity chromatography.

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Product Images

Western blot-Anti-PLC γ 1 pAbLane 1: Human HepG2 cell lysate 30 μ gLane 2: Human Hela cell lysate 30 μ gLane 3: Human BGC-823 cell lysate 30 μ gLane 4: Human MGC-803 cell lysate 30 μ g

Separation gel: 8% polyacrylamide

Electrophoresis: 100V, 4°C, 3h

Transmembrane: 100V, 4°C, 1h

Blocking: 5% w/v nonfat dry milk, 1 \times TBST, at RT with gentle shaking

Primary antibody: 1:1000 in blocking buffer, 4°C, overnight

Visualization: ECL, 30s-2min