

Product Datasheet

Anti-PLC γ 1 Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WL01601

Product Information

Product name	Anti-PLC γ 1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:500
	IF	1:500
Cellular localization	Cell projection, lamellipodium. Cell projection, ruffle	
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.

Product Datasheet

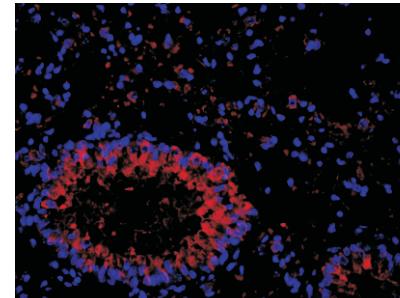
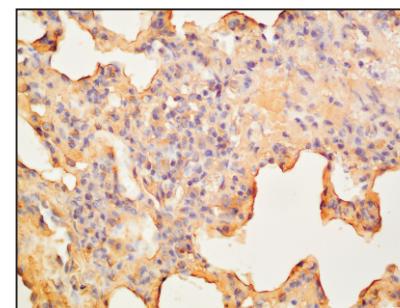
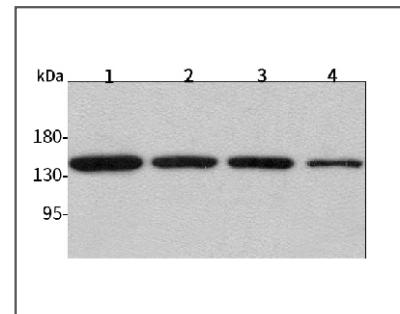
Anti-PLC γ 1 Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WL01601

Product Images



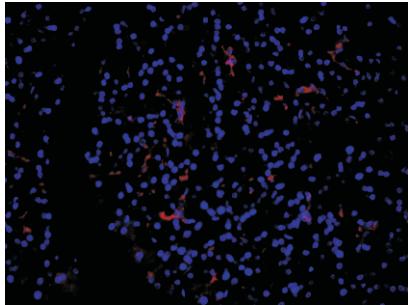
Anti-PLC γ 1 Rabbit pAb



WL01601

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



Immunofluorescence-Anti-PLC γ 1 pAb

Immunofluorescence analysis of paraffin-embedded rat pancreas using anti-PLC γ 1 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.