





PLCG1 (Ab-771) Antibody

Product Code CSB-PA161792 Storage Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Uniprot No. P19174 Immunogen Synthesized non-phosphopeptide derived from Human PLCG1 around the phosphorylation site of tyrosine 771 (P-D-Y-G-A). Raised In Rabbit Species Reactivity Human,Mouse,Rat Specificity The antibody detects endogenous levels of total PLCG1 protein. Tested Applications ELISA,WB,IHC;WB:1:500-1:3000,IHC:1:50-1:100 Relevance Mediates the production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3). Plays an important role in the regulation of intracellular signaling cascades. Becomes activated in response to ligand-mediated activation of receptor-type tyrosine kinases, such as PDGFRA, PDGFRB, FGFR1, FGFR2, FGFR3 and FGFR4. Plays a role in actin reorganization and cell migration. Denis Tvorogov, J. Cell Sci., Feb 2005; 118: 601 - 610. Brenda J. Irvin, Mol. Cell. Biol., Dec 2000; 275: 6411. Ichiro Nakamura, J. Cell Biol., Jan 2001; 152: 361. Form Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification Method The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Clonality Polyclonal Alias Phospholipase C gamma 1; PLC14		
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Target Names PLCG1	Product Type	Polyclonal Antibody
	Species	Homo sapiens (Human)
Image	Target Names	PLCG1
	Image	

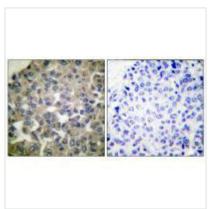




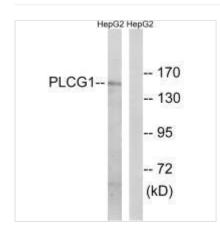




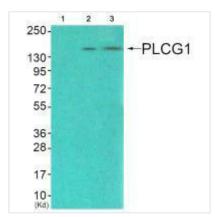




Immunohistochemical analysis of paraffinembedded human breast carcinoma tissue using PLCG1 (Ab-771) antibody.



Western blot analysis of extracts from COS7 cells treated with EGF (200ng/ml, 30min), using PLCG1 (Ab-771) antibody.



Western blot analysis of extracts from COS7 cells (Lane 2), and JK cells (Lane 3), using PLCG1 (Ab-771) antiobdy. The lane on the left is treated with synthesized peptide.