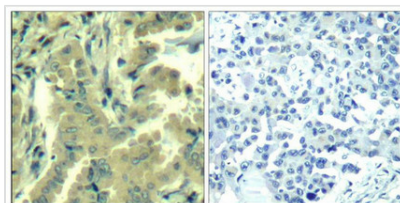




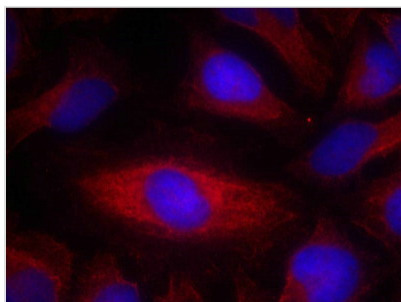
PLCG2 (Ab-1217) Antibody

Product Code	CSB-PA834542
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16885
Immunogen	Peptide sequence around aa.1215~1219 (F-L-Y-D-T) derived from Human PLCg2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PLC-g2 protein.
Tested Applications	ELISA,IHC,IF;IHC:1:50-1:100,IF:1:100-1:200
Relevance	The production of the second messenger molecules diacylglycerol. (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. It is a crucial enzyme in transmembrane signaling. Singer, W. D. et al. (1997) Annu. Rev. Biochem. 66, 475-509. Srncka, A. V. et al. (1991) Science 251, 804-807. Yue, C. et al. (2000) J. Biol. Chem. 275, 30220-30225. Watanabe, D. et al. (2001) J. Biol. Chem. 276, 38595-38601.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	PLC-IV; PLC-gamma2; Phospholipase C-gamma-2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	PLCG2

Image



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using PLC-g2(Ab-1217) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using PLC-g2(Ab-1217) Antibody.