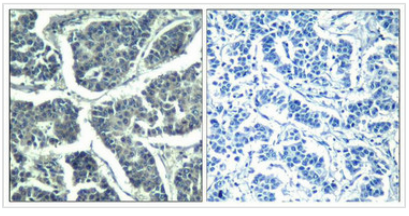
Phospho-PLCG2 (Tyr1217) Antibody

Product Code	CSB-PA227036
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16885
Immunogen	Peptide sequence around phosphorylation site of tyrosine 1217 (F-L-Y(p)-D-T) derived from Human PLCg2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of PLC-g2 onlywhen phosphorylated at tyrosine 1217.
Tested Applications	ELISA,IHC;IHC:1:50-1:100
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. Yue, C. et al. (1998) J. Biol. Chem. 273, 18023-18027. Yue, C. et al. (2000) J. Biol. Chem. 275, 30220-30225. Margolis, B. et al. (1989) Cell 57, 1101-1107.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
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 breast carcinoma tissue using PLC-g2(Phospho-Tyr1217) Antibody(left) or the same antibody preincubated with blocking peptide(right).
Product Modify	Phospho-Tyr1217