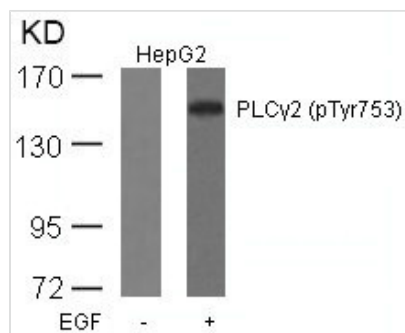


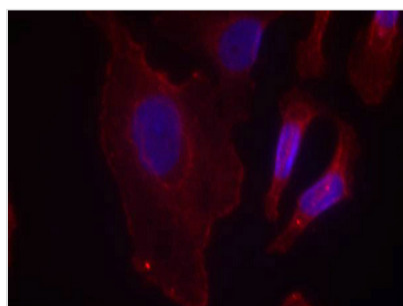


Phospho-PLCG2 (Tyr753) Antibody

Product Code	CSB-PA782484
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16885
Immunogen	Peptide sequence around phosphorylation site of tyrosine 753 (S-L-Y(p)-D-V) derived from Human PLCg2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of PLCg2 only when phosphorylated at tyrosine 753.
Tested Applications	ELISA,WB,IF;WB:1:500-1:1000,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. Kim YJ, et al. (2004) Mol Cell Biol 24: 9986-9999 Humphries LA, et al. (2004) J Biol Chem 279 : 37651-37661 Suzuki-Inoue K, et al. (2004) Biochem J 378 : 1023-1029 Rodriguez R, et al. (2003) Biochem J 374 : 269-280
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 phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	PLC-IV; PLC-gamma2; Phospholipase C-gamma-2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	PLCG2
Image	



Western blot analysis of extracts from HepG2 cells untreated or treated with EGF using PLCγ2(Phospho-Tyr753) Antibody.



Immunofluorescence staining of methanol-fixed HeLa cells using PLCγ2(Phospho-Tyr753) Antibody.

Product Modify

Phospho-Tyr753