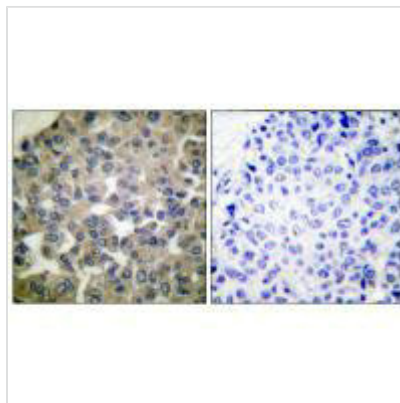


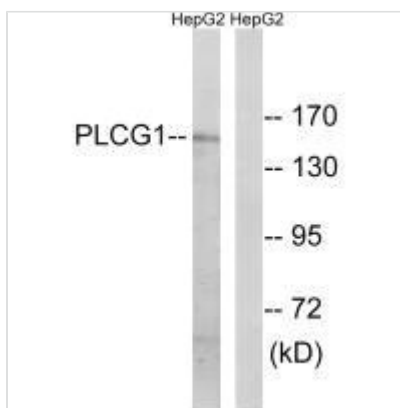


PLCG1 (Ab-771) Antibody

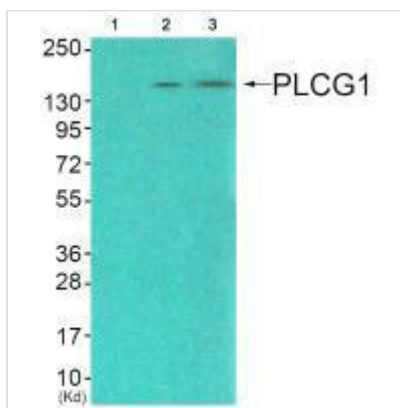
Product Code	CSB-PA161792
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P19174
Immunogen	Synthesized non-phosphopeptide derived from Human PLCG1 around the phosphorylation site of tyrosine 771 (P-D-Y-G-A).
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Specificity	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; 20: 9149 - 9161. Benoit Poulin, J. Biol. Chem., Feb 2000; 275: 6411. Ichiro Nakamura, J. Cell Biol., Jan 2001; 152: 361.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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; PLC148; PHOSPHOLIPASE C-148;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	PLCG1
Image	



Immunohistochemical analysis of paraffin-embedded 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) antibody. The lane on the left is treated with synthesized peptide.