

## PLCgamma1(Phospho-Tyr783) Antibody

Catalog No: #11103



Package Size: #11103-1 50ul #11103-2 100ul #11103-4 25ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

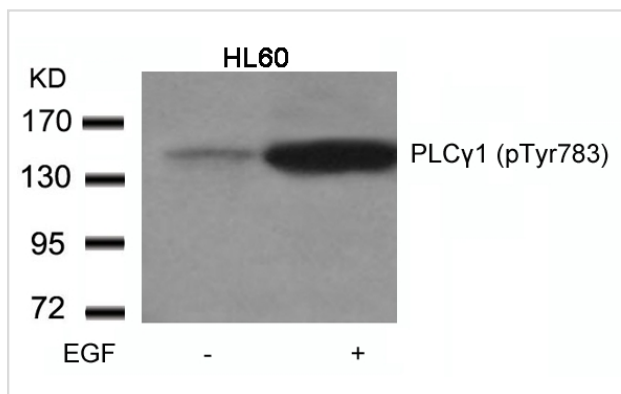
Product Name	PLCgamma1(Phospho-Tyr783) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of PLCγ1 only when phosphorylated at tyrosine 783.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 783 (G-F-Y(p)-V-E) derived from Human PLCG1.
Target Name	PLCgamma1
Modification	Phospho-Tyr783
Other Names	Phosphoinositide phospholipase C; Phospholipase C-gamma-1;
Accession No.	Swiss-Prot: P19174NCBI Protein: NP_002651.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

Predicted MW: 155kd

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from HL60 cells untreated or treated with EGF using PLCγ1(Phospho-Tyr783) Antibody #11103.

## Background

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PLC-gamma is a major substrate for heparin-binding growth factor 1 (acidic fibroblast growth factor)-activated tyrosine kinase.

DeBell KE, et al. Mol Cell Biol. 1999 Nov; 19(11): 7388-7398.

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## Published Papers

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Cheng-Ying Hsieh, Chien-Liang Liu, Ming-Jen Hsu et al., Inhibition of vascular smooth muscle cell proliferation by the vitamin E derivative pentamethylhydroxychromane in an in vitro and in vivo study: pivotal role of hydroxyl radical-mediated PLCβ<sub>1</sub> and JAK2 phosphorylation., Free Radical Biology & Medicine, 49:881B-C893(2010)

[PMID:20600839](#)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.