

PLCg1(Ab-783) Antibody

Catalog No: #21129

Package Size: #21129-1 50ul #21129-2 100ul

Description

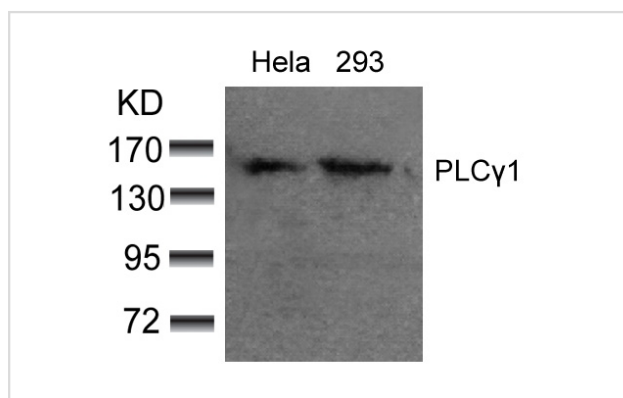
Product Name	PLCg1(Ab-783) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total PLCg1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 781~785 (G-F-Y-V-E) derived from Human PLCg1.
Conjugates	Unconjugated
Target Name	PLCg1
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 ²⁺ and Ca ²⁺), 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 HeLa and 293 cells using PLCg1(Ab-783) Antibody #21129.

Background

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.

Ver

Published Papers

el at., Signal regulatory protein δO negatively regulates mast cell activation following Fc ϵ RI aggregation. In Eur J Immunol on 2013 Jun by Yu-fei Pan, Li-wei Dong, et al..PMID: 23504624, , (2013)

[PMID:23504624](#)

el at., Discovery of a novel inhibitor of the protein tyrosine phosphatase Shp2.In Sci Rep on 2015 Dec 2 by Chuan Chen , Mengmeng Cao et al..PMID: 26626996 , , (2015)

[PMID:26626996](#)

Cheng-Ying Hsieh, Chien-Liang Liu, Ming-Jen Hsu et al., Inhibition of vascular smooth muscle cell proliferation of vitamin E derivative pentamethylhydroxychromane in an in vitro and in vivo study: Pivotal role of hydroxyl radical-mediated PLC 1 and JAK2 phosphorylation., Free Radical Biology and Medicine, 49(5):881-893(2010)

[PMID:20600839](#)

el at., 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 PLC 1 and JAK2 phosphorylation. In Free Radic Biol Med on 2010 Sep 1 by Chien-Liang Liu, Ming-Jen Hsu, et al..PMID: 20600839, , (2010)

[PMID:20600839](#)

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