Product Datasheet

PLCg1(phospho-Tyr771) Antibody

Catalog No: #11523

Package Size: #11523-1 50ul #11523-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PLCg1(phospho-Tyr771) 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 chromatogramphy using non-phosphopeptide.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of PLC-gamma1 only when phosphorylated at tyrosine 771.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 771 (P-D-Y(p)-G-A) derived from Human PLC-g1.
Target Name	PLCg1
Modification	Phospho
Other Names	Phosphoinositide phospholipase C; Phospholipase C-gamma-1;
Accession No.	Swiss-Prot: P19174NCBI Protein: NP_002651.2
Uniprot	P19174
GeneID	5335;
Concentration	1.0mg/ml
Formulation	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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

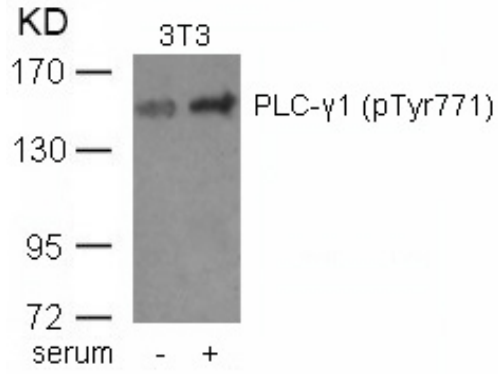
Application Details

Predicted MW: 155kd

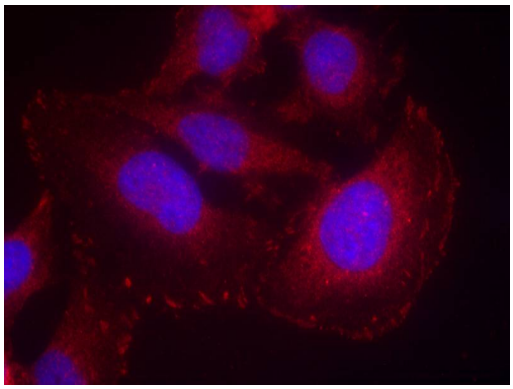
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from 3T3 cells untreated or treated with serum using PLC-g1(phospho-Tyr771) Antibody #11523.



Immunofluorescence staining of methanol-fixed Hela cells using PLC-g1(phospho-Tyr771) Antibody #11523.

Background

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

Yue, C. et al. (1998) J. Biol. Chem. 273, 18023-18027.

Margolis, B. et al. (1989) Cell 57, 1101-1107.

Yue, C. et al. (2000) J. Biol. Chem. 275, 30220-30225.

Note: This product is for in vitro research use only