



PLC γ 1 (Ab-783)

Antibody

#21129

Catalog Number: 21129-1, 21129-2

Amount: 50 μ g/50 μ l, 100 μ g/100 μ l

Swiss-Prot No. : P19174

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from Human PLC γ 1 around the phosphorylation site of tyrosine 783 (G-F-Y_P-V-E).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

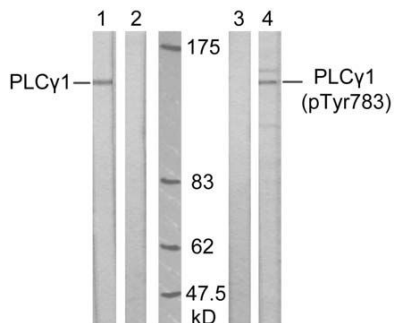
Specificity/Sensitivity: PLC γ 1 (Ab-783) antibody detects endogenous levels of total PLC γ 1 protein

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 155 kd

WB :1:500~1:1000



Western blot analysis of extract from A431 cells, untreated or treated with EGF (200ng/ml, 10min), using PLC γ 1 (Ab-783) antibody (#21129, Lane 1 and 2) and PLC γ 1 (phospho-Tyr783) antibody (#11103, Lane 3 and 4).

EGF - - - +

Peptide - + - -

Background :

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

References:

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

Verí MC, et al. Mol Cell Biol. 2001 Oct; 21(20): 6939-6950.

Sette C, et al. EMBO J. 2002 Oct 15; 21(20): 5386-5395.