

PLCG1 Polyclonal Antibody

Product Details

Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to the carboxy-terminal residues of human PLCG1.
Form	Liquid
Concentration	145 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10985699

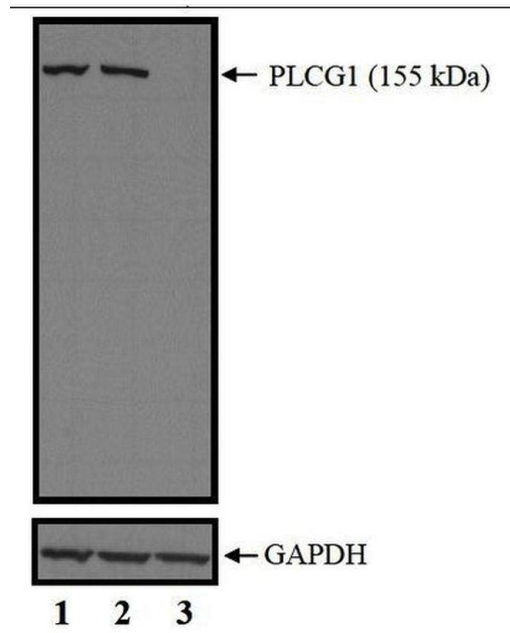
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunoprecipitation (IP)	1:50	-

Product Specific Information

It is not recommended to aliquot this antibody.

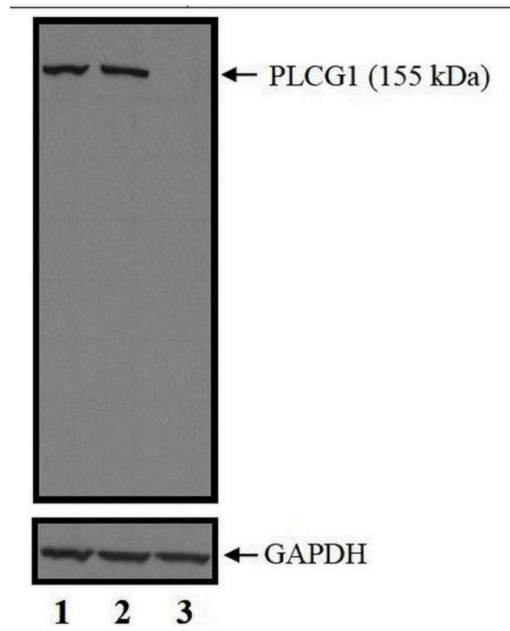
This antibody is not cross-reactive with PLC-gamma2.

Product Images For PLCG1 Polyclonal Antibody



PLCG1 Antibody (PA5-17810) in WB

Western blot analysis of PLCG1 was performed with 10 µg of A549 cells transfected with Transfection Reagent alone (Lane 1), 100nM Non-Targeting control siRNA (Lane 2), or 100nM siRNA against PLCG1 (Lane 3). Proteins were resolved using a NuPAGE® Novex 4-12% Bis-Tris Gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002), and a protein size ladder. Proteins were wet transferred to a Pierce Nitrocellulose Membrane (Product # 88025) OR Pierce PVDF Membrane (Product # 88518) and blocked with Pierce Starting Block T20 (PBS) Blocking Buffer (Product # 37539) for 1 hour at room temperature. PLCG1 was detected at ~ 155 kDa using PLCG1 Rabbit polyclonal antibody (Product # PA5-17810) diluted in Pierce Starting Block T20 (PBS) Blocking Buffer 4°C overnight on a rocking platform. Pierce Goat Anti-Rabbit (Product # 31461) HRP-Conjugated Antibodies at a 1:2500 dilution were used and chemiluminescent detection was performed using Pierce Supersignal West Dura Maximum Sensitivity Substrate (Product # 37071). Relative density of the bands normalized to GAPDH (36 kDa). PLCG1 Antibody (Product # PA5-17810) confirms silencing of PLCG1 expression.



PLCG1 Antibody (PA5-17810)

Antibody specificity was demonstrated by siRNA mediated knockdown of the target protein. A549 were transfected with PLCG1 siRNA and decrease in signal intensity was observed in western blot application using PLCG1 antibody (Product # PA5-17810). {KD}

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