

## Summary

<b>Production Name</b>	PLCG1 Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

## Immunogen

<b>Gene Name</b>	PLCG1 PLCG1; PLC1; 1-phosphatidylinositol 4; 5-bisphosphate phosphodiesterase gamma-1;
<b>Alternative Names</b>	PLC-148; Phosphoinositide phospholipase C-gamma-1; Phospholipase C-II; PLC-II; Phospholipase C-gamma-1; PLC-gamma-1
<b>Gene ID</b>	5335
<b>SwissProt ID</b>	P19174

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
<b>Molecular Weight</b>	Calculated MW: 149 kDa; Observed MW: 149 kDa

**Product Name: PLCG1 Rabbit Polyclonal Antibody**  
**Catalog #: APRab00462**



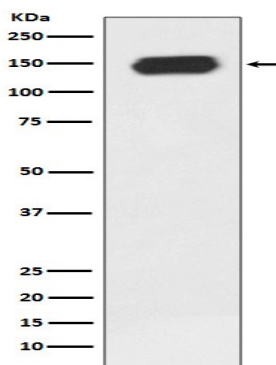
## Background

The protein encoded by this gene catalyzes the formation of inositol 1,4,5-trisphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate. This reaction uses calcium as a cofactor and plays an important role in the intracellular transduction of receptor-mediated tyrosine kinase activators. For example, when activated by SRC, the encoded protein causes the Ras guanine nucleotide exchange factor RasGRP1 to translocate to the Golgi, where it activates Ras.

## Research Area

Cardiovascular

## Image Data



Western blot analysis of PLC gamma 1 in Jurkat lysates using PLCG1 antibody.

## Note

For research use only.