
Product Information

Product SKU:	CABP0827	Gene ID:	5335	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	149kDa	Conjugate:	Unconjugated
Calculated MW:	149kDa	Isotype:	IgG

Immunogen Information

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. Also, this protein has been shown to be a major substrate for heparin-binding growth factor 1 (acidic fibroblast growth factor)-activated tyrosine kinase. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution: WB,1:500 - 1:2000 IHC-P,1:10 - 1:100

Synonyms: PLC1; NCKAP3; PLC-II; PLC148; PLCgamma1; Phospho-PLC gamma 1 (PLCG1)-S1248

Purification Method: Affinity purification

Immunogen: A synthetic phosphorylated peptide around S1248 of human PLC gamma 1 (PLCG1) (NP_002651.2).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.