

PLCG1 Rabbit Polyclonal Antibody

Catalog No: #55292

Package Size: #55292-1 50ul #55292-2 100ul

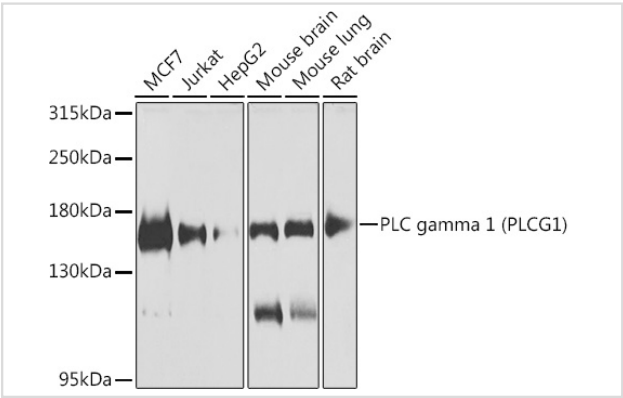
Description

Product Name	PLCG1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human PLC gamma 1 (PLC gamma 1 (PLCG1))
Conjugates	Unconjugated
Other Names	PLCG1;NCKAP3;PLC-II;PLC1;PLC148;PLCgamma1
Accession No.	Uniprot:P19174GenelD:5335
Calculated MW	148kDa
SDS-PAGE MW	160kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using PLC gamma 1 (PLC gamma 1 (PLCG1)) antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.