

PLC gamma 2 (PLCG2) Antibody

CAB2182

Description

This PLC gamma 2 (PLCG2) Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB2182
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	FCAS3, APLAID, PLC-IV, PLC-gamma-2, PLC gamma 2 (PLCG2)
Clone:	-
Applications:	WB IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse

Antibody Data

Gene ID:	5336
Uniprot:	AB_2764200
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	175kDa
Calculated MW:	148kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

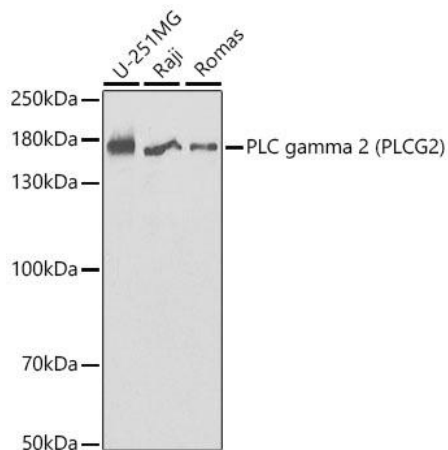
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: U-251MG, Raji, Ramos

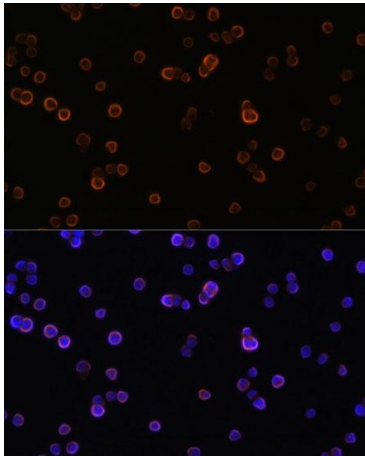
Recommended Dilutions:	WB	1:500 - 1:2000
	IF/ICC	1:20 - 1:100
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using PLC gamma 2 (PLCG2) Rabbit pAb (CAB2182) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of Raw264.7 cells using PLC gamma 2 (PLCG2) Rabbit pAb (CAB2182) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.