

CAB5182

Product Information

Product SKU:	CAB5182	Gene ID:	5336	Size:	20uL, 100uL
Clone No:	ARC1176	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	150kDa	Conjugate:	Unconjugated
Calculated MW:	148kDa	Isotype:	IgG

Immunogen Information

Background: The protein encoded by this gene is a transmembrane signaling enzyme that catalyzes the conversion of 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate to 1D-myo-inositol 1,4,5-trisphosphate (IP3) and diacylglycerol (DAG) using calcium as a cofactor. IP3 and DAG are second messenger molecules important for transmitting signals from growth factor receptors and immune system receptors across the cell membrane. Mutations in this gene have been found in autoinflammation, antibody deficiency, and immune dysregulation syndrome and familial cold autoinflammatory syndrome 3.

Recommended Dilution: WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200

Synonyms: FCAS3; APLAID; PLC-IV; PLC-gamma-2; PLC gamma 2 (PLCG2)

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 700-800 of human PLC gamma 2 (PLC gamma 2 (PLCG2)) (P16885).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.