

CAB2182

Product Information

Product SKU:	CAB2182	Gene ID:	5336	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse

Additional Information

Observed MW:	175kDa	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 - 1:2000 IF/ICC,1:20 - 1:100

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

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human PLC gamma 2 (PLC gamma 2 (PLCG2)) (NP_002652.2).

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