

PLCy2 (phospho-Tyr759) rabbit pAb

Catalog_no :	AP1446
Applications :	WB
Reactivity :	Human,Mouse
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	PLCG2
Protein_name :	PLCy2 (Tyr759)
Humangene_id :	5336
Humanswissprot_no :	P16885
Mousegene_id :	234779
Mouseswissprot_no :	Q8CIH5
Ratgene_id :	29337
Ratswissprot_no :	P24135
Immunogen :	Synthesized phosho peptide around human PLCy2 (Tyr759)
Specificity :	This antibody detects endogenous levels of Human Mouse PLCy2 (phospho-Tyr759)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Other_name :	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2 (EC 3.1.4.11) (Phosphoinositide phospholipase C-gamma-2) (Phospholipase C-IV) (PLC-IV) (Phospholipase C-gamma-2) (PLC-gamma-2)

Molecular Weight : 148KD

Background : phospholipase C gamma 2(PLCG2) Homo sapiens 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. [provided by RefSeq, Mar 2014],
