

PLCy2 (phospho-Tyr759) rabbit pAb

Catalog No: #13605

Package Size: #13605-1 50ul #13605-2 100ul

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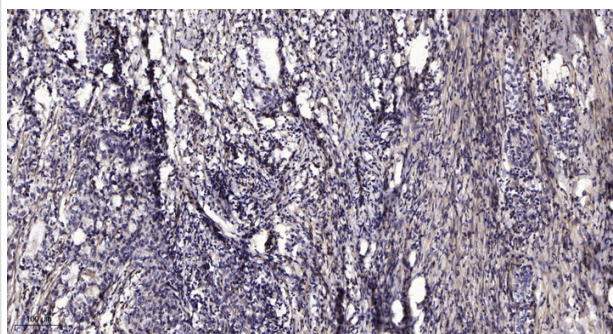
Description

Product Name	PLCy2 (phospho-Tyr759) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human,Mouse
Specificity	This antibody detects endogenous levels of Human Mouse PLCy2 (phospho-Tyr759)
Immunogen Description	Synthesized phosho peptide around human PLCy2 (Tyr759)
Other Names	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)
Accession No.	Swiss Prot:P16885GenelD:5336
Uniprot	P16885
GenelD	5336
SDS-PAGE MW	148
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

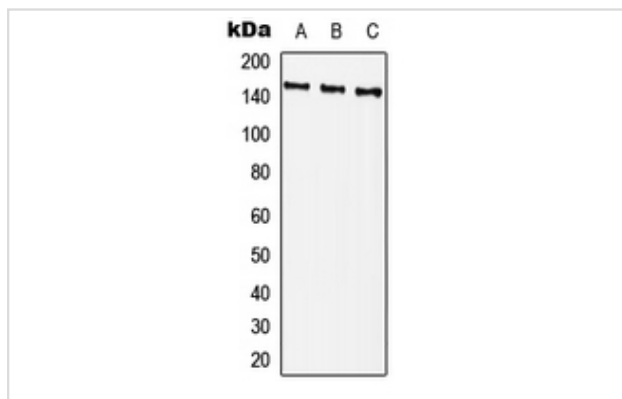
Application Details

WB 1:1000-2000

Images



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



Western blot analysis of PLC gamma 2 (Phospho-Tyr759) expression in Hela (A), NIH3T3 (B), H9C2 (C) whole cell lysates. (Predicted band size: 147 kD; Observed band size: 147 kD)

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],

Note: This product is for in vitro research use only