

Product Name: DGK- θ Rabbit Polyclonal Antibody**Catalog #: APRab09952**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	101kDa

Antigen Information

Gene Name	DGKQ
Alternative Names	DGKQ; DAGK4; Diacylglycerol kinase theta; DAG kinase theta; Diglyceride kinase theta; DGK-theta
Gene ID	1609.0
SwissProt ID	P52824
Immunogen	The antiserum was produced against synthesized peptide derived from human DGKQ. AA range:691-740

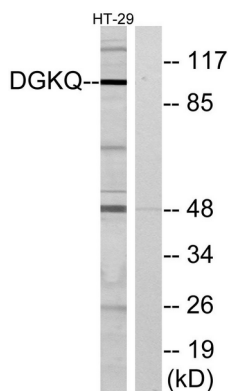
Background

The protein encoded by this gene contains three cysteine-rich domains, a proline-rich region, and a pleckstrin homology domain with an overlapping Ras-associating domain. It is localized in the speckle domains of the nucleus, and mediates the regeneration of phosphatidylinositol (PI) from diacylglycerol in the PI-cycle during cell signal transduction. [provided by RefSeq, Jul 2008],catalytic activity:ATP + 1,2-diacylglycerol = ADP + 1,2-diacyl-sn-glycerol 3-phosphate.,similarity:Belongs to the eukaryotic diacylglycerol kinase family.,similarity:Contains 1 DAGKc domain.,similarity:Contains 1 Ras-associating domain.,similarity:Contains 3 phorbol-ester/DAG-type zinc fingers.,

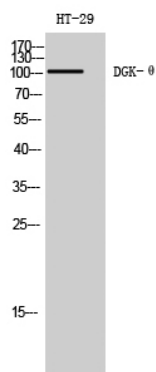
Research Area

Glycerolipid metabolism;Glycerophospholipid metabolism;Phosphatidylinositol signaling system;

Image Data



Western blot analysis of lysates from HT-29 cells, using DGKQ Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of HT-29 cells using DGK-θ Polyclonal Antibody