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DGK-δ Polyclonal Antibody
Catalog # AP69516

Specification

DGK-δ Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IF**
Primary Accession	Q16760
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

DGK-δ Polyclonal Antibody - Additional Information

Gene ID 8527

Other Names
DGKD; KIAA0145; Diacylglycerol kinase delta; DAG kinase delta; 130 kDa diacylglycerol kinase; Diglyceride kinase delta; DGK-delta

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
IHC-P~~N/A
IF~~1:50~200

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

DGK-δ Polyclonal Antibody - Protein Information

Name DGKD (HGNC:2851)

Function
Diacylglycerol kinase that converts diacylglycerol/DAG into phosphatidic acid/phosphatidate/PA and regulates the respective levels of these two bioactive lipids (PubMed:12200442, PubMed:23949095). Thereby, acts as a central switch between the signaling pathways activated by these second messengers with different cellular targets and opposite effects in numerous biological processes (Probable). By controlling the levels of diacylglycerol, regulates for instance the PKC and EGF receptor signaling pathways and plays a crucial role during development (By similarity). May also regulate clathrin-dependent endocytosis (PubMed:17880279).

Cellular Location

Membrane, clathrin-coated pit. Cytoplasm

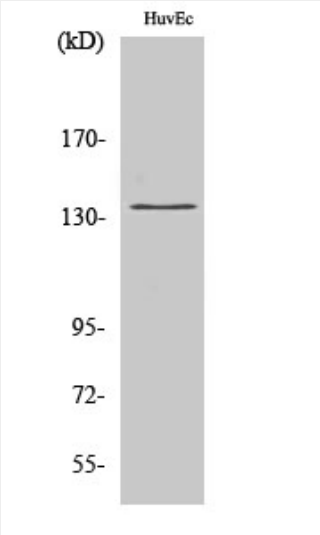
Tissue Location
[Isoform 2]: Widely expressed.

DGK-δ Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DGK-δ Polyclonal Antibody - Images



Western Blot analysis of various cells using DGK-δ Polyclonal Antibody

DGK-δ Polyclonal Antibody - Background

May function as signaling molecule.