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DGK-δ Polyclonal Antibody

Catalog # AP69516

Product Information

Application	WB, IHC-P, IF
Primary Accession	Q16760
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	134525

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℃

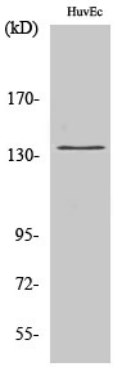
Protein Information

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.

Background

May function as signaling molecule.

Images



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