

Dgkd Antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI15298

Product Information

Application	WB
Primary Accession	E9PUQ8
Other Accession	NM_177646 , NP_808314
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	135208

Additional Information

Gene ID	227333
Alias Symbol	AI841987, D330025K09, DGKdelta, dgkd-2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Dgkd antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Dgkd Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

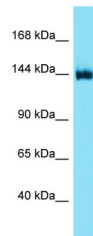
Name	Dgkd {ECO:0000312 MGI:MGI:2138334}
Function	Diacylglycerol kinase that converts diacylglycerol/DAG into phosphatidic acid/phosphatidate/PA and regulates the respective levels of these two bioactive lipids (PubMed: 17021016). Thereby, acts as a central switch between the signaling pathways activated by these second messengers with different cellular targets and opposite effects in numerous biological processes (PubMed: 17021016). By controlling the levels of diacylglycerol, regulates for instance the PKC and EGF receptor signaling pathways and plays a crucial role during development (PubMed: 17021016). May also regulate clathrin-dependent endocytosis (By similarity).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q16760}; Peripheral membrane protein {ECO:0000250 UniProtKB:Q16760}. Membrane, clathrin-coated pit {ECO:0000250 UniProtKB:Q16760}. Cytoplasm

{ECO:0000250|UniProtKB:Q16760}

Tissue Location

Widely expressed..

Images



Host: Rabbit

Target Name: Dgkd

Sample Tissue: Mouse Liver lysates

Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.