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# Dgkd Antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI15298

#### **Product Information**

Application WB Primary Accession E9PUQ8

Other Accession <u>NM 177646, NP 808314</u>

**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

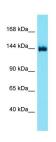
protein {ECO:0000250 | UniProtKB:Q16760}. Membrane, clathrin-coated pit

{ECO:0000250 | UniProtKB:Q16760}. Cytoplasm

**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'.