

Dgkd Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15298**Specification**

Dgkd Antibody - middle region - Product Information

Application	WB
Primary Accession	E9PUO8
Other Accession	NM_177646 , NP_808314
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	134kDa KDa

Dgkd Antibody - middle region - 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.

Dgkd Antibody - middle region - 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}

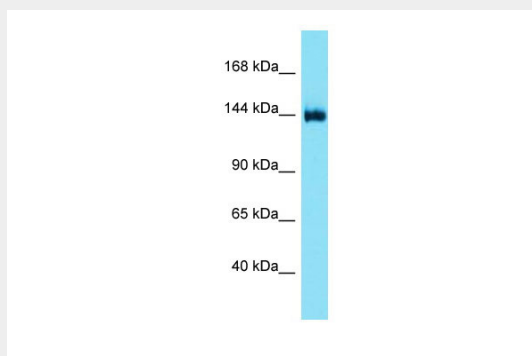
Tissue Location

Widely expressed..

Dgkd Antibody - middle region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Dgkd Antibody - middle region - Images

Host: Rabbit
Target Name: Dgkd
Sample Tissue: Mouse Liver lysates
Antibody Dilution: 1.0µg/ml