

DGKA Rabbit mAb
Catalog # AP76467**Specification**

DGKA Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	P23743
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	82630

DGKA Rabbit mAb - Additional Information**Gene ID** 1606**Other Names**
DGKA**Dilution**
WB~~1/500-1/1000
IHC~~1/50-1/100**Format**
Liquid**DGKA Rabbit mAb - Protein Information****Name** DGKA**Synonyms** DAGK, DAGK1**Function**

Diacylglycerol kinase that converts diacylglycerol/DAG into phosphatidic acid/phosphatidate/PA and regulates the respective levels of these two bioactive lipids (PubMed:15544348, PubMed:2175712). 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:15544348, PubMed:2175712). Also plays an important role in the biosynthesis of complex lipids (Probable). Can also phosphorylate 1-alkyl-2-acylglycerol in vitro as efficiently as diacylglycerol provided it contains an arachidonoyl group (PubMed:15544348). Also involved in the production of alkyl-lysophosphatidic acid, another bioactive lipid, through the phosphorylation of 1-alkyl-2-acetyl glycerol (PubMed:22627129).

Cellular Location

Cytoplasm, cytosol.

Tissue Location

Expressed in lymphocytes.

DGKA Rabbit mAb - 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](#)

DGKA Rabbit mAb - Images

