

# DGKA Rabbit mAb

Catalog # AP76467

## Product Information

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Application	WB, IHC-P, IP
Primary Accession	<a href="#">P23743</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	82630

## Additional Information

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Gene ID	1606
Other Names	DGKA
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

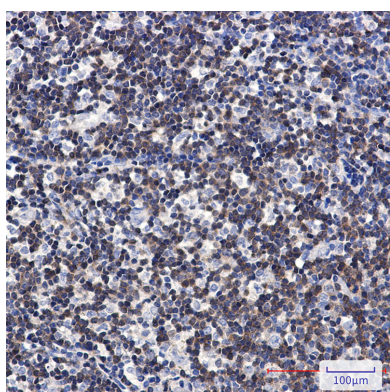
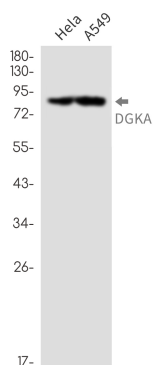
## Protein Information

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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: <a href="#">15544348</a> , PubMed: <a href="#">2175712</a> ). 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: <a href="#">15544348</a> , PubMed: <a href="#">2175712</a> ). 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: <a href="#">15544348</a> ). Also involved in the production of alkyl-lysophosphatidic acid, another bioactive lipid, through the phosphorylation of 1-alkyl-2-acetyl glycerol (PubMed: <a href="#">22627129</a> ).
Cellular Location	Cytoplasm, cytosol.
Tissue Location	Expressed in lymphocytes.

## Images

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