10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DGKK Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP5122b

Specification

DGKK Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q5KSL6

DGKK Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 139189

Other Names
Diacylglycerol kinase kappa, DAG kinase kappa, 142 kDa diacylglycerol kinase, Diglyceride kinase kappa, DGK-kappa, DGKK

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DGKK Antibody (C-term) Blocking Peptide - Protein Information

Name DGKK (HGNC:32395)

Function
Diacylglycerol kinase that converts diacylglycerol/DAG into phosphatidic acid/phosphatidate/PA and regulates the respective levels of these two bioactive lipids (PubMed:16210324, PubMed:23949095). 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 (Probable).

Cellular Location
Cell membrane; Peripheral membrane protein

Tissue Location
Expressed in testis, and to a lesser extent in placenta.

DGKK Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

DGKK Antibody (C-term) Blocking Peptide - Images

DGKK Antibody (C-term) Blocking Peptide - Background

DGKK phosphorylates diacylglycerol (DAG) to generate phosphatidic acid (PA).

DGKK Antibody (C-term) Blocking Peptide - References

Imai, S., et al. J. Biol. Chem. 280(48):39870-39881(2005)