

DGKK Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5122b

Specification

DGKK Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q5KSL6
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	1232-1261

DGKK Antibody (C-term) - Additional Information

Gene ID 139189

Other Names

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

Target/Specificity

This DGKK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1232-1261 amino acids from the C-terminal region of human DGKK.

Dilution

WB~~1:2000
IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DGKK Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DGKK Antibody (C-term) - 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

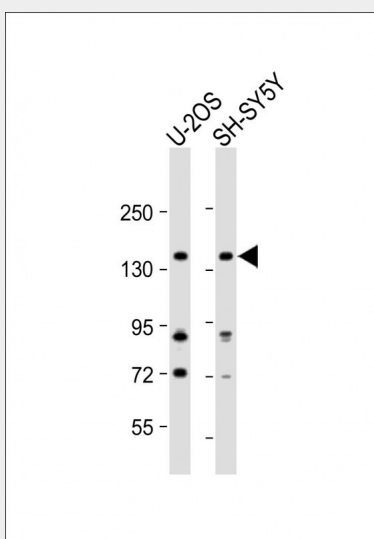
Tissue Location

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

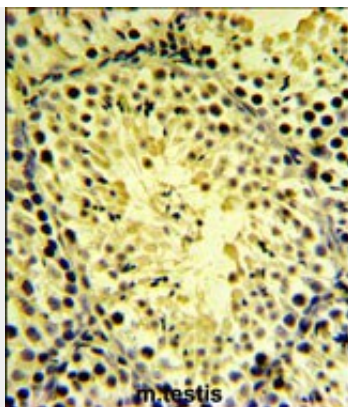
DGKK Antibody (C-term) - Protocols

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](#)

DGKK Antibody (C-term) - Images

All lanes : Anti-DGKK Antibody (C-term) at 1:2000 dilution Lane 1: U-2OS whole cell lysate Lane 2: SH-SY5Y whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 142 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



DGKK Antibody (C-term) (Cat. #AP5122b) IHC analysis in formalin fixed and paraffin embedded mouse testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DGKK Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

DGKK Antibody (C-term) - Background

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

DGKK Antibody (C-term) - References

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