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anti-DGKE antibody (N-Term)

Images



Overview

Quantity:	100 μL
Target:	DGKE
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGKE antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DGKE
Sequence:	EAERRPAPGS PSEGLFADGH LILWTLCSVL LPVFITFWCS LQRSRRQLHR
Predicted Reactivity:	Human: 100%, Rabbit: 77%
Characteristics:	This is a rabbit polyclonal antibody against DGKE. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DGKE
Alternative Name:	DGKE (DGKE Products)

Target Details

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Background:	Diacylglycerol kinases are thought to be involved mainly in the regeneration of
	phosphatidylinositol (PI) from diacylglycerol in the PI-cycle during cell signal transduction.
	When expressed in mammalian cells, DGK-epsilon shows specificity for arachidonyl-containing
	diacylglycerol. DGK-epsilon is expressed predominantly in testis. Diacylglycerol kinases are
	thought to be involved mainly in the regeneration of phosphatidylinositol (PI) from
	diacylglycerol in the PI-cycle during cell signal transduction. When expressed in mammalian
	cells, DGK-epsilon shows specificity for arachidonyl-containing diacylglycerol. DGK-epsilon is
	expressed predominantly in testis.
	Alias Symbols: DAGK6, DGK, DAGK5
	Protein Interaction Partner: UBC, MRPL44, ARRB2, ARRB1, NUF2, NUDC, PAICS, SET, PDHA1,
	Protein Size: 567
Molecular Weight:	64 kDa
Gene ID:	8526
NCBI Accession:	NM_003647, NP_003638
UniProt:	P52429
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 567 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Storage Comment:

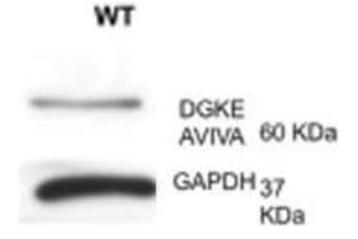
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DGKE Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human brain



Western Blotting

Image 2. DGKE antibody - N-terminal region validated by WB using lymph at 1:1000.