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Datasheet for ABIN6942930  
**anti-DGKZ antibody (AA 1031-1117) (Alexa Fluor 488)**

### Overview

Quantity:	100 µL
Target:	DGKZ
Binding Specificity:	AA 1031-1117
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGKZ antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DGKZ
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Cow, Pig, Guinea Pig
Purification:	Purified by Protein A.

### Target Details

Target:	DGKZ
Alternative Name:	DGKZ ( <a href="#">DGKZ Products</a> )

## Target Details

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Background: Synonyms: DAG kinase zeta, DAGK5, DAGK5 PEN, DAGK6, DGK ZETA, DGK-zeta, Dgkz, DGKZ\_HUMAN, Diacylglycerol kinase zeta, Diglyceride kinase zeta, hDGKzeta.  
Background: The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It may attenuate protein kinase C activity by regulating diacylglycerol levels in intracellular signaling cascade and signal transduction. Alternative splicing occurs at this locus and multiple transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Nov 2010]

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Gene ID: 8525

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UniProt: [Q13574](#)

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Pathways: [Myometrial Relaxation and Contraction](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months