Diacylglycerol Kinase Zeta (DGKz) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Diacylglycerol Kinase Zeta (DGKz), Polyclonal Antibody
Full Product Name	APC-Linked Polyclonal Antibody to Diacylglycerol Kinase Zeta (DGKz)
Product Gene Name	anti-DGKz antibody
Product Synonym Names	DAGK5; DAGK6; DGK-ZETA; hDGKzeta; Diglyceride kinase zeta
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse, Human, Rat
Concentration	>=100ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: DGKz (MBS2026991) APC Conjugated Antibody: DGKz (MBS2075673)
Matching Pairs	APC Conjugated Antibody: DGKz (MBS2075673) Immunogen: DGKz (MBS2029977)
Molecular Weight	104,296 Da
OMIM	U51477 mRNA
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	DGKz (Tyr657~Val879)
Conjugation	APC
Cross Reactivity	Mouse
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2026991
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-DGKz antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-DGKz antibody	MBS2075673 is an antibody targeting DGKz. Also known as APC-Linked Polyclonal Antibody to Diacylglycerol Kinase Zeta (DGKz). Reactive in Mouse, Human, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-DGKz antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DGKz. It may not necessarily be applicable to this product.

NCBI GI #	1293079
NCBI GeneID	8525
NCBI Accession #	AAC50478.1
UniProt Secondary Accession #	O00542; Q6ZVG7; Q8IVW9; B7Z2M9; B7Z6M3; E9PPW4; F6UCU9; G3V0F6; J3KNJ6

UniProt Related Accession #	Q13574
NCBI Official Full Name	diacylglycerol kinase zeta
NCBI Official Synonym Full Names	diacylglycerol kinase zeta
NCBI Official Symbol	DGKZ
NCBI Official Synonym Symbols	DAGK5; DAGK6; DGK-ZETA; hDGKzeta
UniProt Protein Name	Diacylglycerol kinase zeta
UniProt Synonym Protein Names	Diglyceride kinase zeta; DGK-zeta
Protein Family	Diacylglycerol kinase
UniProt Gene Name	DGKZ
UniProt Synonym Gene Names	DAGK6; DAG kinase zeta; DGK-zeta
NCBI Protein Information	diacylglycerol kinase zeta
NCBI Summary for DGKz	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]
UniProt Comments for DGKz	DGKZ: Displays a strong preference for 1,2-diacylglycerols over 1,3-diacylglycerols, but lacks substrate specificity among molecular species of long chain diacylglycerols. Isoform 2 but not isoform 1 regulates RASGRP1 activity. Belongs to the eukaryotic diacylglycerol kinase family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: EC 2.7.1.107; Kinase, lipid; Lipid Metabolism - glycerolipid; Lipid Metabolism - glycerophospholipid; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 11p11.2 Cellular Component: cytoplasm; lamellipodium; nucleoplasm; nucleus; plasma membrane Molecular Function: diacylglycerol kinase activity; kinase activity; protein binding Biological Process: diacylglycerol metabolic process; glycerolipid metabolic process; lipid phosphorylation; platelet activation
Research Articles on DGKz	**1.** DGKzeta knockdown engenders enhancement of NF-kappaB pathway in response to TNF-alpha. [review]
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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