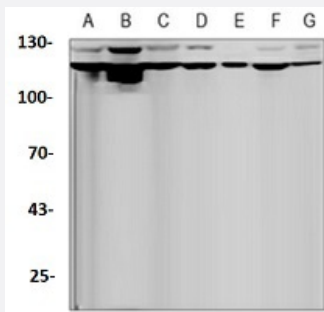


RecomAb™

DGKZ recombinant monoclonal antibody

Catalog # RAB02587 Size 100 uL

Applications



Western Blot

Western blot analysis of Hela (A), A549 (B), HL60 (C), U2OS (D), U87MG (E), mouse brain (F), rat brain (G) whole cell lysates with DGKZ recombinant monoclonal antibody (Cat # RAB02587).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human DGKZ.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein of human DGKZ.
Theoretical MW (kDa)	120
Reactivity	Human, Mouse, Rat
Specificity	Recognizes endogenous levels of DGK zeta protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:10-1:50) Western Blot (1:500-1:1000)
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Hela (A), A549 (B), HL60 (C), U2OS (D), U87MG (E), mouse brain (F), rat brain (G) whole cell lysates with DGKZ recombinant monoclonal antibody (Cat # RAB02587).

- Immunoprecipitation

Gene Info — DGKZ

Entrez GeneID[8525](#)**Protein Accession#**[Q13574](#)**Gene Name**

DGKZ

Gene Alias

DAGK5, DAGK6, DGK-ZETA, hDGKzeta

Gene Description

diacylglycerol kinase, zeta 104kDa

Omim ID[601441](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 four transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]

Other Designations

diacylglycerol kinase zeta|diacylglycerol kinase, zeta (104kD)

Pathway

- [Glycerolipid metabolism](#)

- [Glycerophospholipid metabolism](#)

- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)