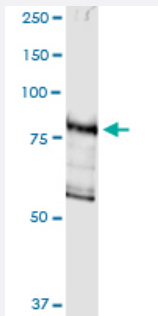


DGKG (Human) IP-WB Antibody Pair

Catalog # H00001608-PW1

Size 1 Set

Applications



Immunoprecipitation of DGKG transfected lysate using rabbit polyclonal anti-DGKG and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-DGKG.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of DGKG transfected lysate using rabbit polyclonal anti-DGKG and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-DGKG.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-DGKG (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-DGKG (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — DGKG

Entrez GeneID [1608](#)

Gene Name DGKG

Gene Alias DAGK3, DGK-GAMMA, MGC104993, MGC133330

Gene Description diacylglycerol kinase, gamma 90kDa

Omim ID [601854](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes an enzyme that is a member of the type I subfamily of diacylglycerol kinases, which are involved in lipid metabolism. These enzymes generate phosphatidic acid by catalyzing the phosphorylation of diacylglycerol, a fundamental lipid second messenger that activates numerous proteins, including protein kinase C isoforms, Ras guanyl nucleotide-releasing proteins and some transient receptor potential channels. Diacylglycerol kinase gamma has been implicated in cell cycle regulation and in the negative regulation of macrophage differentiation in leukemia cells. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

DAG kinase gamma|diacylglycerol kinase gamma|diacylglycerol kinase gamma|diglyceride kinase gamma

Pathway

- [Glycerolipid metabolism](#)
- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Asthma](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Obesity](#)
- [Tobacco Use Disorder](#)