

DGKI Antibody

Catalog No: #33619

Package Size: #33619-1 50ul #33619-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

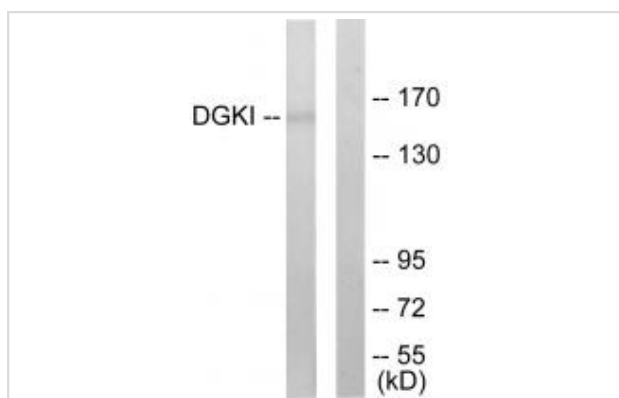
Product Name	DGKI Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total DGKI protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human DGKI.
Target Name	DGKI
Other Names	DAG kinase iota; DGK-IOTA; DGK-iota; DGKI; EC 2.7.1.107
Accession No.	Swiss-Prot: O75912NCBI Gene ID: 9162
SDS-PAGE MW	160kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

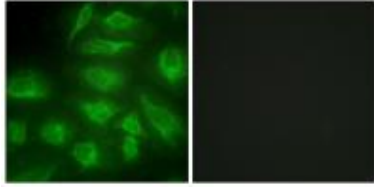
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from 293 cells, using DGKI antibody #33619.

Immunofluorescence analysis of HeLa cells, using DGKI antibody #33619.



Background

This gene is a member of the type IV diacylglycerol kinase subfamily. Diacylglycerol kinases regulate the intracellular concentration of diacylglycerol through its phosphorylation, producing phosphatidic acid. The specific role of the enzyme encoded by this gene is undetermined, however, it may play a crucial role in the production of phosphatidic acid in the retina or in recessive forms of retinal degeneration.

Ding L., J. Biol. Chem. 273:32746-32752(1998).

Bowne S.J., Mol. Vis. 6:6-9(2000).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.