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Datasheet for ABIN7180156
anti-DGKI antibody (C-Term)

2 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | DGKI |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DGKI antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Synthesized peptide derived from C-terminal of Human DGKI. |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Rat |
| Purification: | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

Target Details

| | |
|-------------------|---|
| Target: | DGKI |
| Alternative Name: | DGKI (DGKI Products) |
| Background: | Background: This gene is a member of the type IV diacylglycerol kinase subfamily. |

Target Details

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).

Aliases: DGKIDiacylglycerol kinase iota antibody, DAG kinase iota antibody, EC 2.7.1.107 antibody, Diglyceride kinase iota antibody, DGK-iota antibody

UniProt: [O75912](#)

Application Details

Application Notes: WB:1:500-1:3000, IF:1:100-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

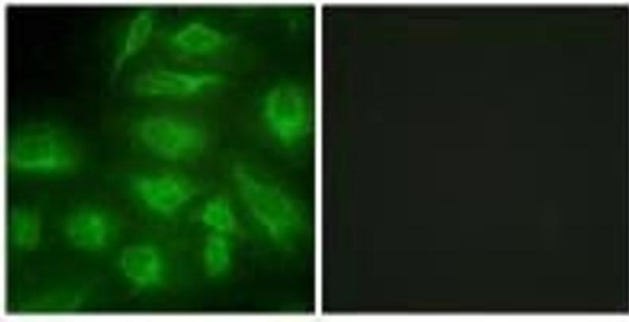
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

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

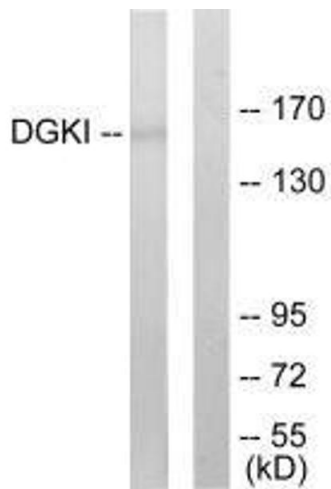
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells, using DGKI antibody.



Western Blotting

Image 2. Western blot analysis of extracts from 293 cells, using DGKI antibody.