Datasheet for ABIN7303918

anti-DGKI antibody (C-Term)

3 Images

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Overview

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

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human DGK iota.
Specificity:	Recognizes endogenous levels of DGK iota protein.
Characteristics:	Rabbit polyclonal antibody to DGK iota
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	DGKI
Alternative Name:	DGK iota (DGKI Products)

Target Details

Background:	Diacylglycerol kinase iota, DAG kinase iota, Diglyceride kinase iota, DGK-iota
Gene ID:	9162
UniProt:	O75912

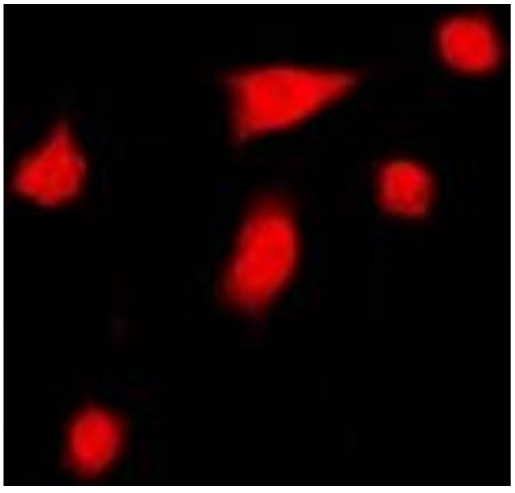
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

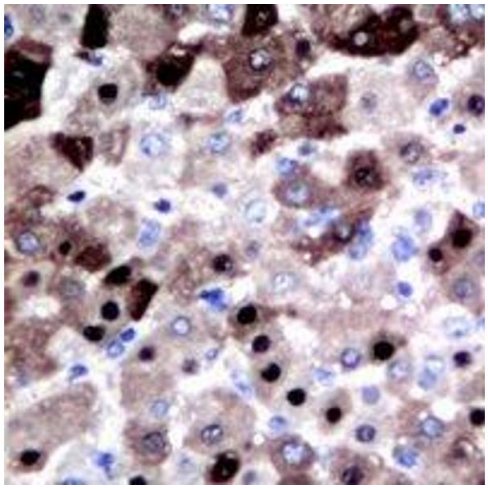
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



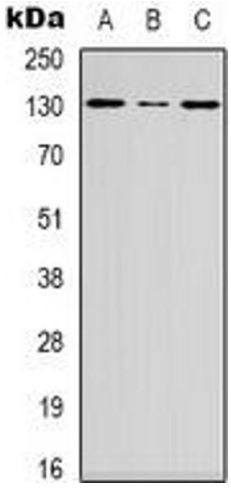
Immunofluorescence

Image 1. Immunofluorescent analysis of DGK iota staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibo



Immunohistochemistry

Image 2. Immunohistochemical analysis of DGK iota staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated



Western Blotting

Image 3. Western blot analysis of DGK iota expression in HEK293T (A), Hela (B), mouse brain (C) whole cell lysates.