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Datasheet for ABIN7295476

anti-DGKA antibody (Center)



Overview



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Quantity:	100 μL
Target:	DGKA
Binding Specificity:	Center
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal

Application: Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),
Immunochromatography (IC)

This DGKA antibody is un-conjugated

Product Details

Conjugate:

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

Target Details

Target:	DGKA
Alternative Name:	DGK alpha (DGKA Products)

Target Details

Background:	DAGK, DAGK1, Diacylglycerol kinase alpha, DAG kinase alpha, 80 kDa diacylglycerol kinase,
Gene ID:	Diglyceride kinase alpha, DGK-alpha 1606
UniProt:	P23743

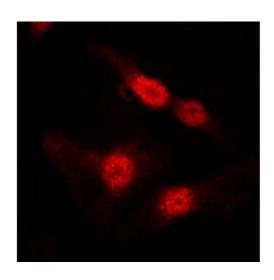
Application Details

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

Handling

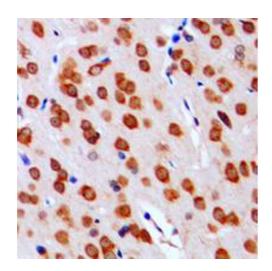
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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

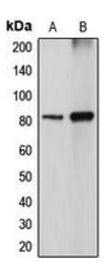
Images



Immunofluorescence

Image 1. Immunofluorescent analysis of DGK alpha staining in MDCK 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 antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary





antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Immunohistochemistry

Image 2. Immunohistochemical analysis of DGK alpha staining in human brain 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 with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Western Blotting

Image 3. Western blot analysis of DGK alpha expression in MDCK (A), COS7 (B) whole cell lysates.