Datasheet for ABIN7183450

anti-DGKH antibody

2 Images

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Overview

Quantity:	100 µL
Target:	DGKH
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGKH antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from internal of Human DGKH.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	DGKH
Alternative Name:	DGKH (DGKH Products)
Background:	Background: Phosphorylates diacylglycerol (DAG) to generate phosphatidic acid (PA). Plays a key role in promoting cell growth. Activates the Ras/B-Raf/C-Raf/MEK/ERK signaling pathway induced by EGF. Regulates the recruitment of RAF1 and BRAF from cytoplasm to membranes

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Target Details

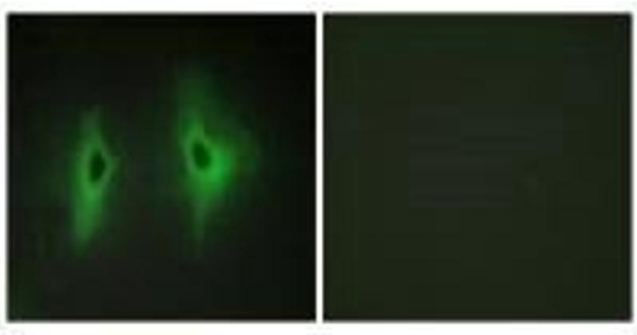
	and their heterodimerization. Murakami T., J. Biol. Chem. 278:34364-34372(2003) . Dunham A., Nature 428:522-528(2004). Ota T., Nat. Genet. 36:40-45(2004). Aliases: DGKHDiacylglycerol kinase eta antibody, DAG kinase eta antibody, EC 2.7.1.107 antibody, Diglyceride kinase eta antibody, DGK-eta antibody
UniProt:	Q86XP1

Application Details

Application Notes:	IHC:1:50-1:100, IF:1:100-1:500,
Restrictions:	For Research Use only

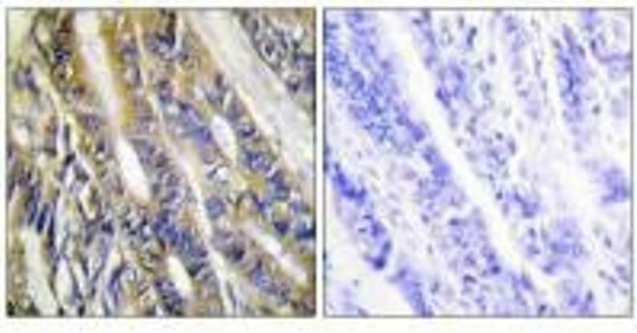
Handling

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 DGKH antibody.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using DGKH antibody.

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