

ARG58543 anti-DGKA antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DGKA
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DGKA
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 598-628 (C-terminus) of Human DGKA.
Conjugation	Un-conjugated
Alternate Names	Diglyceride kinase alpha; DGK-alpha; 80 kDa diacylglycerol kinase; DAGK; DAGK1; DAG kinase alpha; EC 2.7.1.107; Diacylglycerol kinase alpha

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HL60	

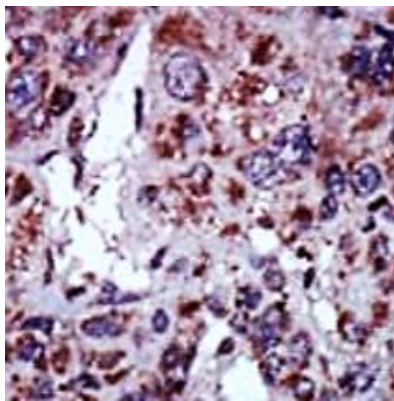
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

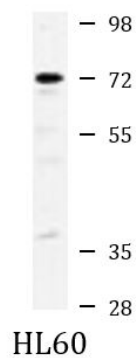
Gene Symbol	DGKA
Gene Full Name	diacylglycerol kinase, alpha 80kDa
Background	The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intracellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositols and phosphorylating diacylglycerol to phosphatidic acid. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]
Function	Upon cell stimulation converts the second messenger diacylglycerol into phosphatidate, initiating the resynthesis of phosphatidylinositols and attenuating protein kinase C activity. [UniProt]
Calculated Mw	83 kDa

Images



ARG58543 anti-DGKA antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human breast carcinoma tissue stained with ARG58543 anti-DGKA antibody.



ARG58543 anti-DGKA antibody WB image

Western blot: 35 µg of HL60 cell lysate stained with ARG58543 anti-DGKA antibody.