

DGKB Polyclonal antibody

Catalog Number: 24320-1-AP

Basic Information

Catalog Number:	24320-1-AP	GenBank Accession Number:	BC105005	Purification Method:	Antigen affinity purification
Size:	450 µg/ml	GeneID (NCBI):	1607	Recommended Dilutions:	WB 1:500-1:2000 IHC 1:100-1:400
Source:	Rabbit	UNIPROT ID:	Q9Y6T7		
Isotype:	IgG	Full Name:	diacylglycerol kinase, beta 90kDa		
Immunogen Catalog Number:	AG19809	Calculated MW:	804 aa, 91 kDa		
		Observed MW:	91 kDa		

Applications

Tested Applications:	IHC, WB, ELISA	Positive Controls:	
Species Specificity:	human	WB :	HeLa cells,
		IHC :	human breast cancer tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0			

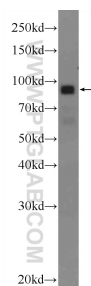
Background Information

DGKB(Diacylglycerol kinase beta) is also named as DAGK2, KIAA0718, 90 kDa diacylglycerol kinase and belongs to the eukaryotic diacylglycerol kinase family. It is a key enzyme in lipid metabolism that functions to reintroduce diacylglycerol formed from the hydrolysis of phospholipids into the biosynthetic pathway. This protein has 2 isoforms produced by alternative splicing with the molecular weight of 87 kDa and 91 kDa.

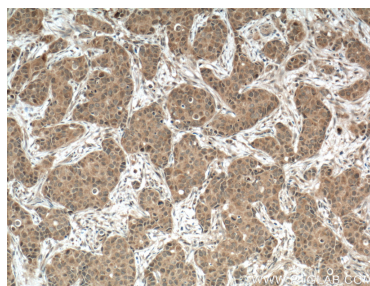
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

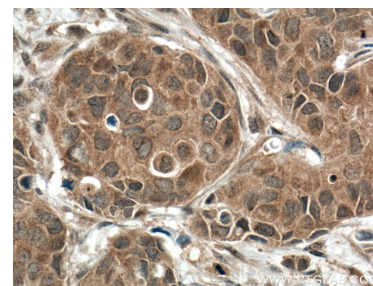
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 24320-1-AP (DGKB Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 24320-1-AP (DGKB Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 24320-1-AP (DGKB Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).