

For Research Use Only

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: 150ul , Concentration: 450 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	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: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human breast cancer tissue,

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

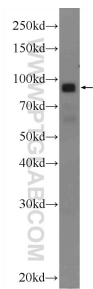
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

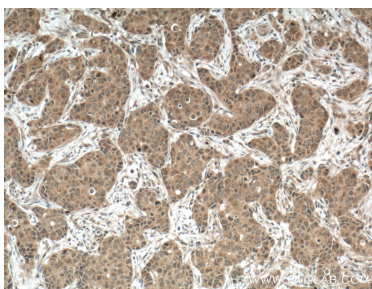
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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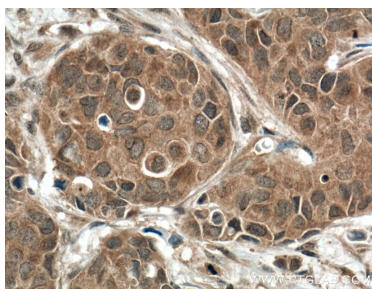
Selected Validation Data



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).