

## Allgemeine Informationen

|                                                                                                                              |                                                                 |                                                                       |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Katalog-Nr.:</b><br>24320-1-AP                                                                                            | <b>GenBank-Zugangsnummer:</b><br>BC105005                       | <b>Reinigungsmethode:</b><br>Antigen-Affinitätsreinigung              |
| <b>Größe:</b><br>150ul, Konzentration: 450 µg/ml von Nanodrop und 333 µg/ml durch die Bradford-Methode mit BSA als Standard; | <b>GeneID (NCBI):</b><br>1607                                   | <b>Empfohlene Verdünnungen:</b><br>WB 1:500-1:2000<br>IHC 1:100-1:400 |
| <b>Wirt:</b><br>Kaninchen                                                                                                    | <b>Vollständiger Name:</b><br>diacylglycerol kinase, beta 90kDa |                                                                       |
| <b>Isotyp:</b><br>IgG                                                                                                        | <b>Berechnete Masse:</b><br>804 aa, 91 kDa                      |                                                                       |
| <b>Immunogen Katalognummer:</b><br>AG19809                                                                                   | <b>Beobachtete Masse:</b><br>91 kDa                             |                                                                       |

## Anwendungen

|                                                                                                                                                           |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Geprüfte Anwendungen:</b><br>IHC, WB, ELISA                                                                                                            | <b>Positivkontrollen:</b>                                           |
| <b>Getestete Reaktivität:</b><br>Human                                                                                                                    | <b>WB:</b> HeLa-Zellen,<br><b>IHC:</b> humanes Mammakarzinomgewebe, |
| <b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b> |                                                                     |

## Hintergrundinformationen

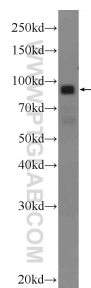
DGKB(Diacylglycerol kinase beta) is also named as DAGK2, KIAA0718, 90 kDa diacylglycerol kinase and belongs to the eukaryotic diacylglycerol kinase family. It is a key enzyme in lipid metabolism that functions to reintroduce diacylglycerol formed from the hydrolysis of phospholipids into the biosynthetic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

## Lagerung

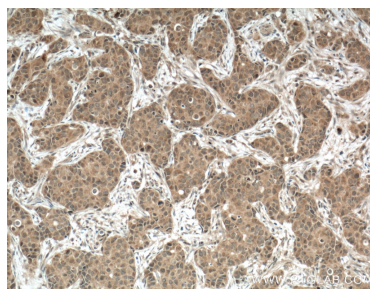
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

\*\*\* 20ul-Größen enthalten 0.1% BSA

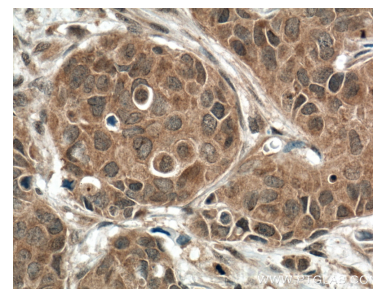
## Ausgewählte Validierungsdaten



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).