

Product datasheet

Anti-DEK antibody ab22826

1 References 4 图像

概述

产品名称	Anti-DEK抗体
描述	兔多克隆抗体to DEK
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ELISA, ICC/IF
种属反应性	与反应: Human 预测可用于: Rat
免疫原	A 14-22 amino acid region within synthetic peptide: APAAE GEGTP TQPASEKEPE MPGPREESEE EEDEDDEEEEE EEEKEKSLV EGKRE, corresponding to N terminal amino acids 5-59 of Human DEK Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	HepG2 cell lysate, hepatocytes and spleen cells.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 2% Sucrose, PBS
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab22826** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

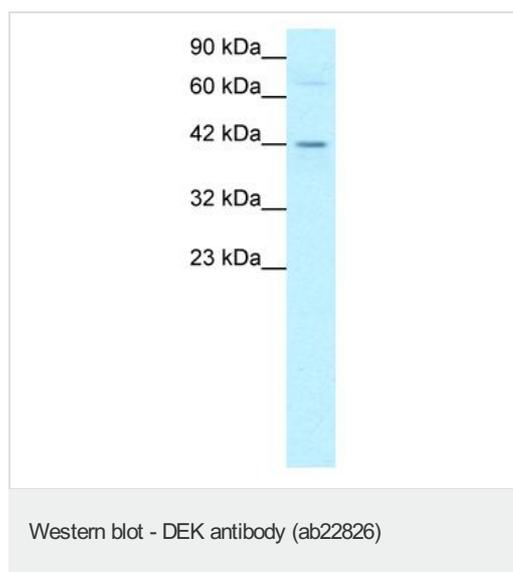
应用	Ab评论	说明

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WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 42 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P		Use at an assay dependent concentration.
ELISA		1/62500.
ICC/IF		Use a concentration of 1 µg/ml.

靶标

功能	Involved in chromatin organization.
组织特异性	Ubiquitous. Expressed at relatively high levels.
疾病相关	A chromosomal aberration involving DEK is found in a subset of acute myeloid leukemia (AML); also known as acute non-lymphocytic leukemia (PubMed:1549122). Translocation t(6;9) (p23;q34) with NUP214/CAN (PubMed:1549122). It results in the formation of a DEK-NUP214 fusion gene (PubMed:1549122).
序列相似性	Contains 1 SAP domain.
翻译后修饰	Phosphorylated by CK2. Phosphorylation fluctuates during the cell cycle with a moderate peak during G(1) phase, and weakens the binding of DEK to DNA.
细胞定位	Nucleus. Enriched in regions where chromatin is decondensed or sparse in the interphase nuclei.

图片



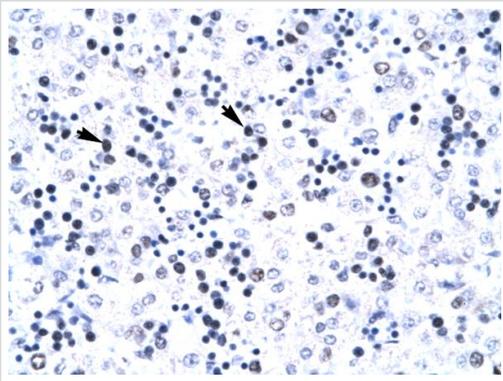
Anti-DEK antibody (ab22826) at 0.4 µg/ml +
HepG2 whole cell lysate (ab7900)

Secondary

Donkey Anti-Rabbit IgG H&L (HRP)
preadsorbed (ab7083)

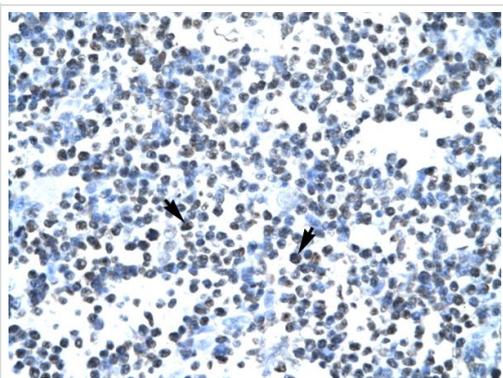
Predicted band size: 42 kDa

Observed band size: 42 kDa



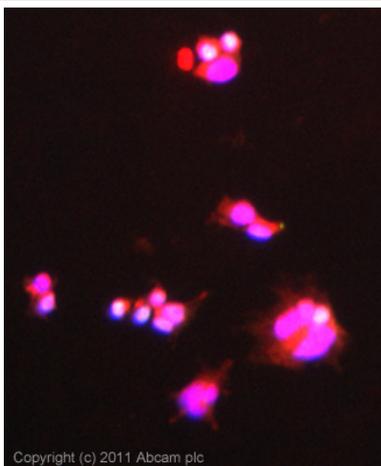
Immunohistochemistry (Paraffin-embedded sections)
- DEK antibody (ab22826)

ab22826 at 4.0 - 8.0 $\mu\text{g/ml}$, staining human DEK in paraffin embedded liver tissue. Arrows indicate positively labelled cells (hepatocytes).



Immunohistochemistry (Paraffin-embedded sections)
- DEK antibody (ab22826)

ab22826 at 4.0 - 8.0 $\mu\text{g/ml}$, staining human DEK in paraffin embedded thymus tissue. Arrows indicate positively labelled cells (spleen cells).



Immunocytochemistry/ Immunofluorescence-DEK antibody(ab22826)

ICC/IF image of ab22826 stained Hek293 cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab22826, 1 $\mu\text{g/ml}$) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43 μM .

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