



Datasheet for ABIN7149891  
**anti-DKK4 antibody (AA 19-224)**



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3 Images

Overview

Quantity:	100 µL
Target:	DKK4
Binding Specificity:	AA 19-224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DKK4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Dickkopf-related protein 4 protein (19-224AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	DKK4
Alternative Name:	DKK4 ( <a href="#">DKK4 Products</a> )
Background:	Background: Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes

## Target Details

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internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease (By similarity).

Aliases: Dickkopf 4 antibody, Dickkopf gene 4 antibody, Dickkopf homolog 4 (*Xenopus laevis*) antibody, Dickkopf homolog 4 antibody, Dickkopf related protein 4 antibody, Dickkopf-4 antibody, Dickkopf-related protein 4 short form antibody, Dickkopf4 antibody, DKK 4 antibody, Dkk-4 antibody, DKK4 antibody, DKK4\_HUMAN antibody, hDkk 4 antibody, hDkk-4 antibody, hDkk4 antibody, MGC129562 antibody, MGC129563 antibody

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UniProt: [Q9UBT3](#)

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Pathways: [WNT Signaling](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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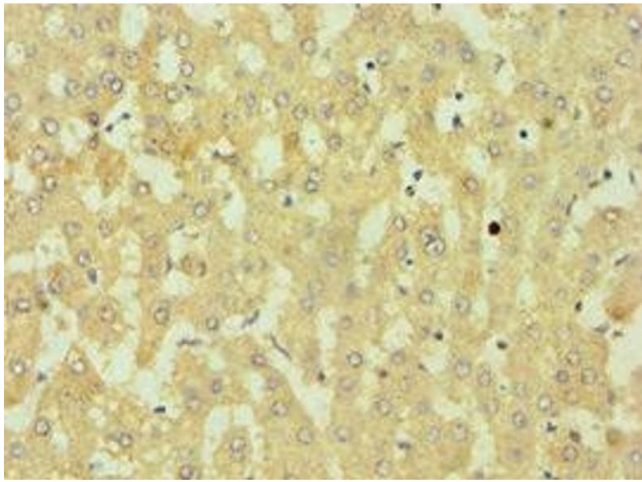
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

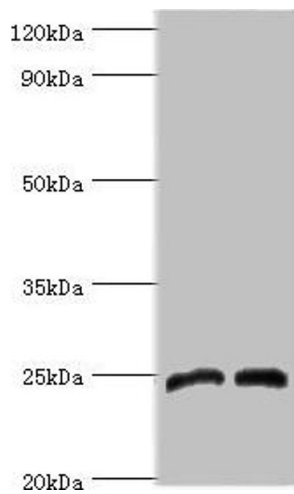
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



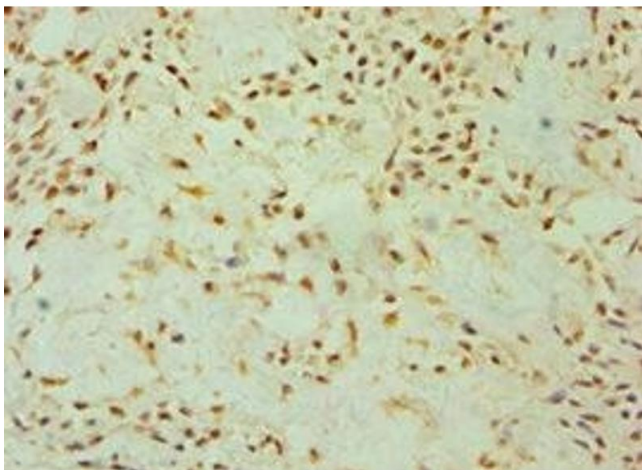
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7149891 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: Dickkopf-related protein 4 antibody at 8 µg/mL Lane 1: Jurkat whole cell lysate Lane 2: K562 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 25 kDa Observed band size: 25 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7149891 at dilution of 1:100