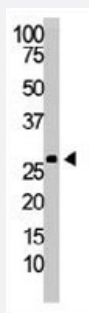


# DKK2 polyclonal antibody

Catalog # PAB3569

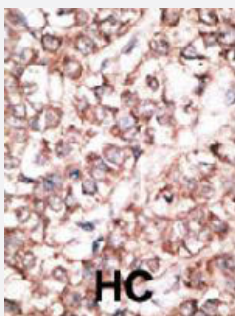
Size 400 uL

## Applications



### Western Blot (Cell lysate)

The DKK2 polyclonal antibody (Cat # PAB3569) is used in Western blot to detect DKK2 in Jurkat cell lysate.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with DKK2 polyclonal antibody (Cat # PAB3569), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. HC = hepatocarcinoma.

## Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DKK2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human DKK2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification

<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

The DKK2 polyclonal antibody (Cat # PAB3569) is used in Western blot to detect DKK2 in Jurkat cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with DKK2 polyclonal antibody (Cat # PAB3569), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. HC = hepatocarcinoma.

## Gene Info — DKK2

<b>Entrez GeneID</b>	<a href="#">27123</a>
<b>Protein Accession#</b>	<a href="#">Q9UBU2</a>
<b>Gene Name</b>	DKK2
<b>Gene Alias</b>	DKK-2
<b>Gene Description</b>	dickkopf homolog 2 (Xenopus laevis)
<b>Omim ID</b>	<a href="#">605415</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	This gene encodes a protein that is a member of the dickkopf family. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. It can act as either an agonist or antagonist of Wnt/beta-catenin signaling, depending on the cellular context and the presence of the co-factor kremen 2. Activity of this protein is also modulated by binding to the Wnt co-receptor LDL-receptor related protein 6 (LRP6). [provided by RefSeq]
<b>Other Designations</b>	dickkopf 2 dickkopf homolog 2 dickkopf related protein-2

## Publication Reference

- [The secreted protein discovery initiative \(SPDI\), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment.](#)

Clark HF, Gurney AL, Abaya E, Baker K, Baldwin D, Brush J, Chen J, Chow B, Chui C, Crowley C, Currell B, Deuel B, Dowd P, Eaton D, Foster J, Grimaldi C, Gu Q, Hass PE, Heldens S, Huang A, Kim HS, Klimowski L, Jin Y, Johnson S, Lee J, Lewis L, Liao D, Mark M, Robbie E, Sanchez C, Schoenfeld J, Seshagiri S, Simmons L, Singh J, Smith V, Stinson J, Vagts A, Vandlen R, Watanabe C, Wieand D, Woods K, Xie MH, Yansura D, Yi S, Yu G, Yuan J, Zhang M, Zhang Z, Goddard A, Wood WI, Godowski P, Gray A.

Genome Research 2003 Sep; 13(10):2265.

- [Functional and structural diversity of the human Dickkopf gene family.](#)

Krupnik VE, Sharp JD, Jiang C, Robison K, Chickering TW, Amaravadi L, Brown DE, Guyot D, Mays G, Leiby K, Chang B, Duong T, Goodearl AD, Gearing DP, Sokol SY, McCarthy SA.

Gene 1999 Oct; 238(2):301.

## Pathway

- [Wnt signaling pathway](#)

## Disease

- [Alcoholism](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Tobacco Use Disorder](#)