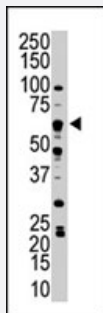


# NLK polyclonal antibody

Catalog # PAB2944

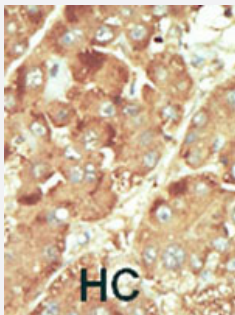
Size 400 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of NLK polyclonal antibody (Cat # PAB2944) in A-375 cell lysate. NLK (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



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

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with NLK polyclonal antibody (Cat # PAB2944), 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

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

<b>Recommend Usage</b>	Western Blot (1:1000) Immunohistochemistry (1:50-100) 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

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## Gene Info — NLK

<b>Entrez GeneID</b>	<a href="#">51701</a>
<b>Protein Accession#</b>	<a href="#">NP_057315</a>
<b>Gene Name</b>	NLK
<b>Gene Alias</b>	DKFZp761G1211, FLJ21033
<b>Gene Description</b>	nemo-like kinase
<b>Omim ID</b>	<a href="#">609476</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Other Designations</b>	nemo like kinase

## Publication Reference

- [Nemo-like kinase induces apoptosis in DLD-1 human colon cancer cells.](#)

Yasuda J, Tsuchiya A, Yamada T, Sakamoto M, Sekiya T, Hirohashi S.

Biochemical and Biophysical Research Communications 2003 Aug; 308(2):227.

- [Regulation of lymphoid enhancer factor 1/T-cell factor by mitogen-activated protein kinase-related Nemo-like kinase-dependent phosphorylation in Wnt/beta-catenin signaling.](#)

Ishitani T, Ninomiya-Tsuji J, Matsumoto K.

Molecular and Cellular Biology 2003 Feb; 23(4):1379.

- [The TAK1-NLK mitogen-activated protein kinase cascade functions in the Wnt-5a/Ca\(2+\) pathway to antagonize Wnt/beta-catenin signaling.](#)

Ishitani T, Kishida S, Hyodo-Miura J, Ueno N, Yasuda J, Waterman M, Shibuya H, Moon RT, Ninomiya-Tsuji J, Matsumoto K.

Molecular and Cellular Biology 2003 Jan; 23(1):131.

Application: IP-WB, Human, 293, PC12 cells

## Pathway

- [Adherens junction](#)
- [MAPK signaling pathway](#)
- [Wnt signaling pathway](#)

## Disease

- [Tobacco Use Disorder](#)