

# Anti-NFkB Inducing Kinase NIK antibody ab7204

★★★★★ [2 Abreviews](#) [13 References](#) [2 图像](#)

## 概述

产品名称	Anti-NFkB Inducing Kinase NIK抗体
描述	兔多克隆抗体to NFkB Inducing Kinase NIK
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Human
免疫原	Recombinant fragment corresponding to Human NFkB Inducing Kinase NIK aa 795-947. Database link: <a href="#">Q99558</a>
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

## 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.1% Sodium azide Constituent: PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG

## 应用

The Abpromise guarantee

**Abpromise™** 承诺保证使用ab7204于以下的经测试应用

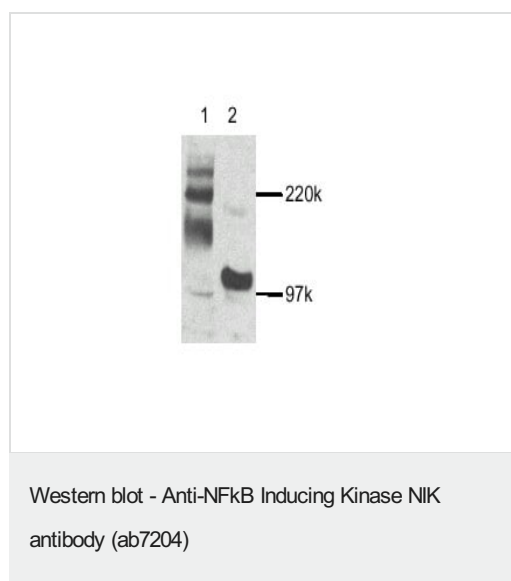
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 5 µg/ml.
WB	★★★★★ (2)	1/2000.

## 靶标

功能	Lymphotoxin beta-activated kinase which seems to be exclusively involved in the activation of NF-kappa-B and its transcriptional activity. Promotes proteolytic processing of NFKB2/P100, which leads to activation of NF-kappa-B via the non-canonical pathway. Could act in a receptor-selective manner.
组织特异性	Weakly expressed in testis, small intestine, spleen, thymus, peripheral blood leukocytes, prostate, ovary and colon.
序列相似性	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily. Contains 1 protein kinase domain.
翻译后修饰	Autophosphorylated. Phosphorylation at Thr-559 is required to activates its kinase activity and 'Lys-63'-linked polyubiquitination. Phosphorylated by CHUK/IKKα leading to MAP3K14 destabilization. Ubiquitinated. Undergoes both 'Lys-48'- and 'Lys-63'-linked polyubiquitination. 'Lys-48'-linked polyubiquitination leads to its degradation by the proteasome, while 'Lys-63'-linked polyubiquitination stabilizes and activates it.
细胞定位	Cytoplasm.

## 图片

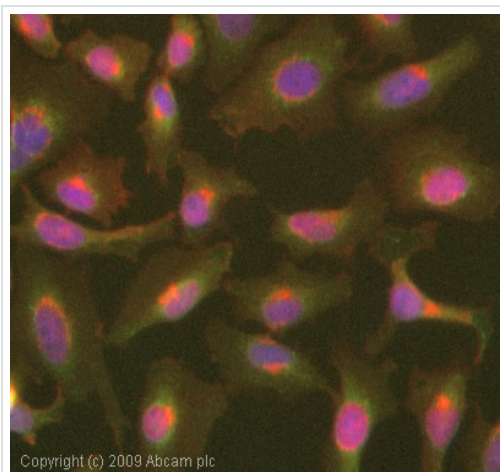


**All lanes :** Anti-NFκB Inducing Kinase NIK antibody (ab7204)

**Lane 1 :** macrophages lysate

**Lane 2 :** NIK transfected cell lysate

Western blot detection of NIK in 1, macrophage and 2, NIK transfected cells by anti-human NIK.



Immunocytochemistry/ Immunofluorescence - Anti-NFκB Inducing Kinase NIK antibody (ab7204)

ICC/IF image of ab7204 stained HeLa cells. The cells were 4% PFA fixed (10 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 (ab7204, 5µg/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 1.43µM.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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