

Anti-NFkB Inducing Kinase NIK antibody ab7204

★★★★★ [2 Abreviews](#) [13 References](#) [画像数 2](#)

製品の概要

製品名	Anti-NFkB Inducing Kinase NIK antibody
製品の詳細	Rabbit polyclonal to NFkB Inducing Kinase NIK
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB
種交差性	交差種: Human
免疫原	Recombinant fragment corresponding to Human NFkB Inducing Kinase NIK aa 795-947. Database link: Q99558
特記事項	<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&As</p>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.2 Preservative: 0.1% Sodium azide Constituent: PBS
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab7204の使用に適用されます

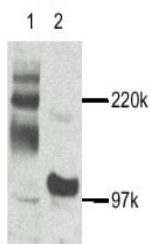
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 5 µg/ml.
WB	★★★★★ (2)	1/2000.

ターゲット情報

機能	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.
組織特異性	Weakly expressed in testis, small intestine, spleen, thymus, peripheral blood leukocytes, prostate, ovary and colon.
配列類似性	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily. Contains 1 protein kinase domain.
翻訳後修飾	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.
細胞内局在	Cytoplasm.

画像



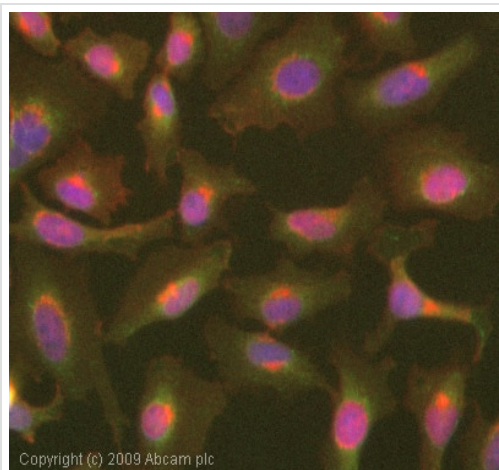
Western blot - Anti-NFκB Inducing Kinase NIK antibody (ab7204)

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.

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