Order: (888)-282-5810 (Phone)
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NIK (N) Antibody, Rabbit Polyclonal

Cat#: R1802-1

Lot#: Refer to vial

Quantity: 100 ul

Application: WB

Predicted | Observed MW: 104 | 140 kDa

Uniprot ID: Q99558

Background:

NF-kappa-beta-inducing kinase (NIK) is also known as Mitogen-activated protein kinase kinase kinase 14 (MAP3K14), which belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and MAP kinase kinase kinase subfamily. NIK contains 1 protein kinase domain. NIK can be activated by lymphotoxin beta, which seems to be exclusively involved in the activation of NF-kappa-B and its transcriptional activity. NIK promotes proteolytic processing of NFKB2/P100, which leads to activation of NF-kappa-B via the non-canonical pathway. NIK can function in a receptor-selective manner.

Other Names:

Mitogen-activated protein kinase kinase kinase 14, NF-kappa-beta-inducing kinase, HsNIK, Serine/threonine-protein kinase NIK, MAP3K14

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human NIK. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN_3. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

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Product Data:

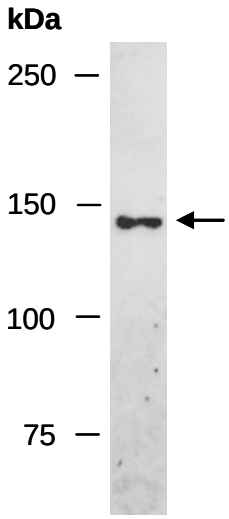

Fig 1. *Western blot of total cell extracts from human HeLa, using anti-NIK (N) (R1802-1) at RT for 2 h.*

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Last Update: 9/2012