

Anti-NIK MAP3K14 Antibody

Catalog Number: A03822

About MAP3K14

Nuclear factor kappa B (NF-kappaB) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF-kappaB mediates the expression of a great variety of genes in response to extracellular stimuli including IL-1, TNFalpha, LPS and mitogens. A serine/threonine protein kinase which mediates NF-kappaB activation by IL-1, TNFalpha and CD95 was identified recently and designated NIK (for NF-kappaB inducing kinase). NIK is an activator of IkappaB kinase alpha and beta (IKKalpha and IKKbeta). Therefore, NIK is a key molecule in the NF-kappaB signaling pathway leading to the induction of a variety of gene expression in response to proinflammatory cytokines and bacteria products.

Overview

Product Name	Anti-NIK MAP3K14 Antibody
Reactive Species	Human
Description	Boster Bio Anti-NIK MAP3K14 Antibody (Catalog # A03822). Tested in ELISA, WB, IF, ICC applications. This antibody reacts with Human.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	NIK Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	NIK antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q99558

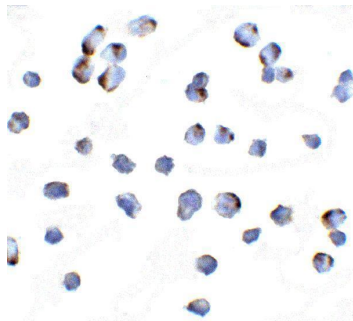
Technical Details

Immunogen	NIK antibody was raised against a 17 amino acid peptide near the carboxy terminus of human NIK. The immunogen is located within the last 50 amino acids of NIK.
Predicted Reactive Species	Mouse
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	NIK Antibody is affinity chromatography purified via peptide column.

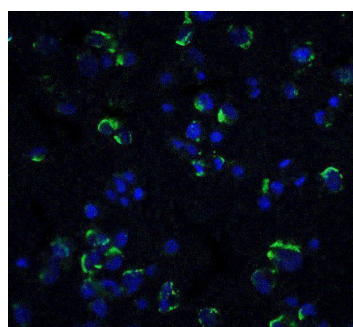
Suggested Dilutions

NIK antibody can be used for detection of NIK by Western blot at 1 - 2 ug/mL.
Antibody validated: Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-NIK MAP3K14 Antibody (A03822) Images



Immunocytochemistry of NIK in Hek293 cells with NIK antibody at 10 ug/mL.



Immunofluorescence of NIK in Hek293 cells with NIK antibody at 20 ug/mL. Green: NIK Antibody (A03822) Blue: DAPI staining

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