OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA305950

NFkB Inducing Kinase NIK (MAP3K14) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
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.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Antibody is DEAE purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	mitogen-activated protein kinase kinase kinase 14
Database Link:	NP_003945 Entrez Gene 9020 Human Q99558
Background:	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.

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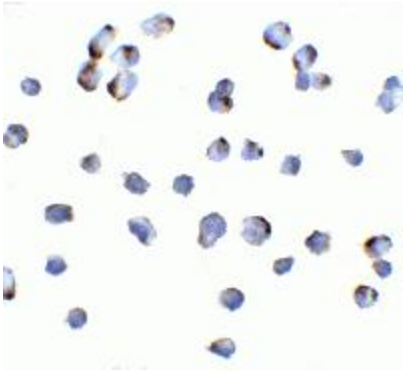
Synonyms: FTDCR1B; HS; HSNIK; NIK

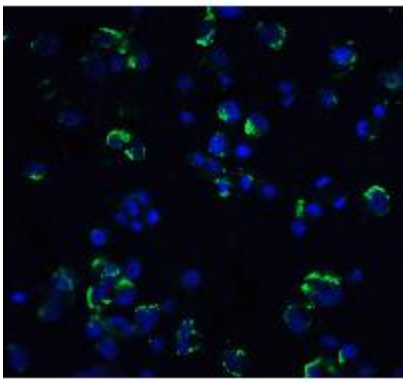
Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Apoptosis, Epithelial cell signaling in Helicobacter pylori infection, MAPK signaling pathway, T cell receptor signaling pathway

Product images:



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



Immunofluorescence of NIK in Hek293 cells with NIK antibody at 20ug/ml.