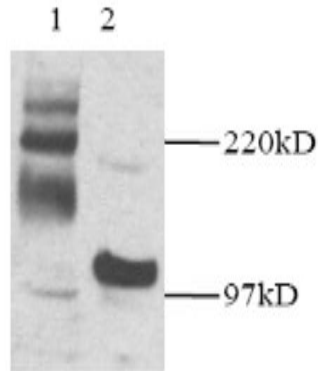


MAP3K14

Rabbit Anti-Human NF κ B-Inducing Kinase / NIK pAb

Catalog No.	CPN000 CPN000X	Quantity:	200 μ g 1 mg
Alternate Names:	Mitogen-activated protein kinase kinase kinase 14, NF-kappa-beta-inducing kinase, HsNIK, Serine/threonine-protein kinase NIK		
Description:	NIK (NF- κ B-inducing kinase) is a member of the MAP kinase family that binds TRAF2 and stimulates NF-kB activity. NIK, initially isolated from a human B cell cDNA library, contains 795 amino acids with an apparent molecular weight of slightly more than 97 kDa on SDS gel. NIK is a serine/threonine kinase and its kinase activity contributes to I κ B phosphorylation. The carboxyl terminal segment of NIK binds TRAF2. A mutant NIK with intact carboxyl terminus but without the two lysine residues at its catalytic domain serves as a dominant-negative inhibitor for NF-kB activation. NIK also interacts with TRAF6 and mediates IL-1 induced NFkB activation.		
UniProt ID:	Q99558		
Gene ID:	9020		
Specificity:	Human NIK		
Host:	Rabbit		
Isotype:	IgG		
Immunogen:	<i>E. coli</i> -expressed human NIK fragment (aa 795-947)		
Formulation:	PBS, 0.1% sodium azide. PPE is recommended when working with products containing sodium azide.		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add 200 μ l PBS to fully solubilize the antibody to a concentration of 1.0 mg/ml.		
Cross-Reactivity:	Cross reactivity to NIK of other species has not been determined.		
Application Notes:	Western Blot: suggested dilution 1:2,000 Immunoprecipitation: suggested dilution 1:500 The optimal concentration should be determined by the user for each application.		
Storage & Stability:	Store at 2-8°C for short term. Store working aliquots at -20°C to -80°C for up to 1 year. Avoid repeated freeze-thaw cycles.		

Western Blot: 1) Macrophages and 2) NIK transfected cells



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com