

MAP3K14

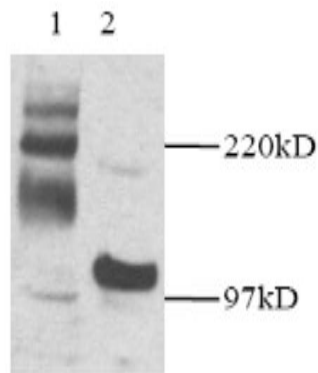
Rabbit Anti-Human NFκB-Inducing Kinase pAb

Catalog No.	CPN000 CPN000X	Quantity:	200 µg 1 mg
Alternate Names:	NIK, serine/threonine-protein kinase, mitogen-activated protein kinase kinase kinase 14, FTDCR1B, HS		
Description:	<p>The polyclonal antibody recognizes human NFκB-Inducing Kinase (NIK). NIK is a member of the MAP kinase kinase kinase family that binds TNF Receptor Associated Factor 2 (TRAF2) and stimulates NF-kappa B activity. NIK was initially isolated from a Human B cell cDNA library and contains 947 amino acids with a theoretical MW of 104 kDa and an apparent molecular weight of slightly more than 97 kDa on SDS PAGE gel. NIK is a serine/threonine kinase and its kinase activity contributes to I-kappa B phosphorylation. The C-Terminal segment of NIK binds TRAF2. A mutant NIK with intact C-Terminus but without the two lysine residues at its catalytic domain serves as a dominant-negative inhibitor for NF-kappa B activation. NIK also interacts with TNF Receptor Associated Factor 6 (TRAF6) and mediates IL1-induced NF-kappa B activation.</p>		
Gene ID:	9020		
UniProtKB:	Q99558		
Conjugate:	Unconjugated		
Specificity:	Human NIK		
Host:	Rabbit		
Isotype:	IgG		
Immunogen:	Recombinant Human NIK fragment (aa 795-947), expressed in <i>E. coli</i> .		
Formulation:	Lyophilized with 0.1% sodium azide.		
Purification:	Protein A purified		
Reconstitution:	Centrifuge vial prior to opening. Add 200 µL sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1.0 mg/mL.		
Applications:	Western Blot, Immunoprecipitation		
Application Notes:	Western Blot: working dilution of 1:2,000 Immunoprecipitation: working dilution of 1:500 The optimal concentration should be determined by the user for each application.		

Storage & Stability: Store at 4 °C for 1 week. Store working aliquots at -20°C to -80°C for up to 1 year. **Avoid repeated freeze-thaw cycles.**

Statement: PPE is recommended when working with products containing sodium azide.

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



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