

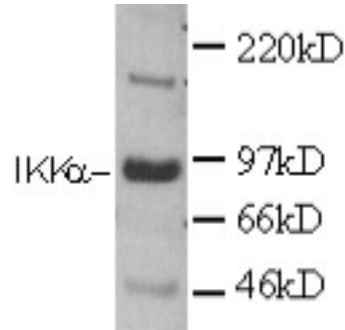
CHUK

Rabbit Anti-Human I κ B Kinase alpha pAb

Catalog No.	CPI201	Quantity:	200 μ g
Alternate Names:	Inhibitor of nuclear factor kappa-B kinase subunit alpha, I-kappa-B Kinase-alpha, IKKK-A, IKK-alpha, Conserved helix-loop-helix ubiquitous kinase, IKK1, NFKB1A, TCF-16		
Description:	Rabbit Anti-Human IKKA polyclonal antibody. IKK α is part of a large protein complex responsible for the inducible phosphorylation of I κ B proteins. The same protein was originally identified as CHUK (conserved helix-loop-helix ubiquitous kinase), a serine/threonine kinase of unknown function. The human IKK α is a 85 kDa peptide that has been shown to activate NF- κ B by phosphorylation of I κ B proteins. IKK α interacts with its upstream kinase, NIK, and its downstream substrate, the I κ B proteins. Mutations of IKK α in its kinase domain lead to a dominant-negative phenotype that suppresses TNF α and IL1 β induced NF- κ B activation.		
UniProt ID:	O15111		
Gene ID:	1147		
Specificity:	Human IKK-alpha		
Immunogen:	Recombinant human IKK-alpha fragment (aa 557-745)		
Isotype:	Rabbit IgG		
Formulation:	Lyophilized from PBS, 0.1% 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 sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1 mg/ml.		
Cross-Reactivity:	Cross-reactivity to IKK-alpha of other species has not been determined.		
Application Notes:	Western Blot: suggested dilution 1:2000 Immunoprecipitation: suggested dilution 1:500. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for short term storage or in working aliquots at -20°C to -80°C for long term storage. Avoid repeated freeze-thaw cycles.		



Detection of IKK-alpha in transfected RBL cells by Western Blot.



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