

# IKK $\alpha$ / $\beta$ (phospho Ser176/177) rabbit pAb

Cat No.:ES4646

For research use only

## Overview

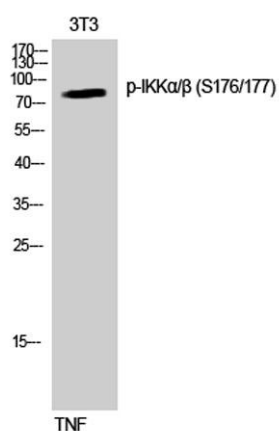
Product Name	IKK $\alpha$ / $\beta$ (phospho Ser176/177) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human IKK-alpha around the phosphorylation site of Ser177. AA range:151-200
Specificity	Phospho-IKK $\alpha$ / $\beta$ (S176/177) Polyclonal Antibody detects endogenous levels of IKK $\alpha$ / $\beta$ protein only when phosphorylated at S176/177.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Inhibitor of nuclear factor kappa-B kinase subunit alpha
Gene Name	CHUK/IKBKB
Cellular localization	Cytoplasm . Nucleus . Shuttles between the cytoplasm and the nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	80kD
Human Gene ID	1147/3551
Human Swiss-Prot Number	O15111/O14920
Alternative Names	CHUK; IKKA; TCF16; Inhibitor of nuclear factor kappa-B kinase subunit alpha; I-kappa-B kinase alpha; IKK-A; IKK-alpha; IkbKA; IkappaB kinase; Conserved helix-loop-helix ubiquitous kinase;





## Background

I-kappa-B kinase 1; IKK1; Nuclear factor NF-kappa-B  
This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquitination pathway, thereby activating the transcription factor. [provided by RefSeq, Jul 2008],



Western Blot analysis of NIH-3T3 cells using  
Phospho-IKKα/β (S176/177) Polyclonal Antibody diluted  
at 1:1000

