Product Name: Phospho-IKK alpha/beta (Ser176/Ser177) Rabbit Polyclonal Antibody
Catalog #: APRab00934

Summary

Production Name	Phospho-IKK alpha/beta (Ser176/Ser177) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	CHUK
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; I-kappa-B kinase 1; IKK1; Nuclear factor NF-kappa-B
Gene ID	1147
SwissProt ID	O15111.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 85 kDa; Observed MW: 85 kDa

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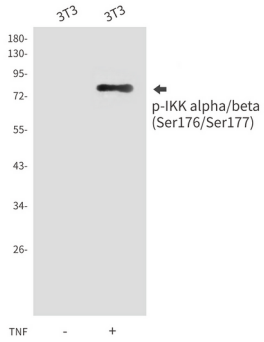
Background

Plays an essential role in the NF-kappa-B signaling pathway which is activated by multiple stimuli such as inflammatory cytokines, bacterial or viral products, DNA damages or other cellular stresses. Activation of IKK depends upon phosphorylation at Ser177 and Ser181 in the activation loop of IKKβ (Ser176 and Ser180 in IKKα), which causes conformational changes, resulting in kinase activation.

Research Area

Signal Transduction

Image Data



Western blot analysis of Phospho-IKK alpha/beta (Ser176/Ser177) in 3T3 lysates using Phospho-IKK alpha/beta (Ser176/Ser177) antibody.

Note

For research use only.