
Summary

Production Name	IKK alpha Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	CHUK CHUK; IKKA; TCF16; Inhibitor of nuclear factor kappa-B kinase subunit alpha; I-kappa-B
Alternative Names	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

Product Name: IKK alpha Rabbit Monoclonal Antibody
Catalog #: AMRe02146



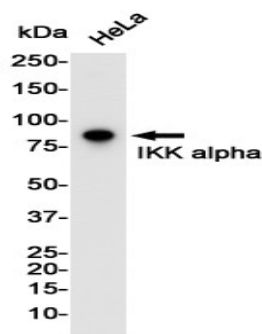
Background

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 IKK β (Ser176 and Ser180 in IKK α), which causes conformational changes, resulting in kinase activation.

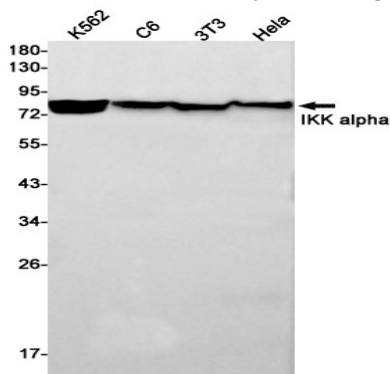
Research Area

Signal Transduction

Image Data



Western blot analysis of IKK alpha in HeLa lysates using IKK alpha antibody.



Western blot analysis of IKK alpha in K562, C6, 3T3, HeLa lysates using IKK alpha antibody.

Note

For research use only.