

Anti-IKK alpha Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012162

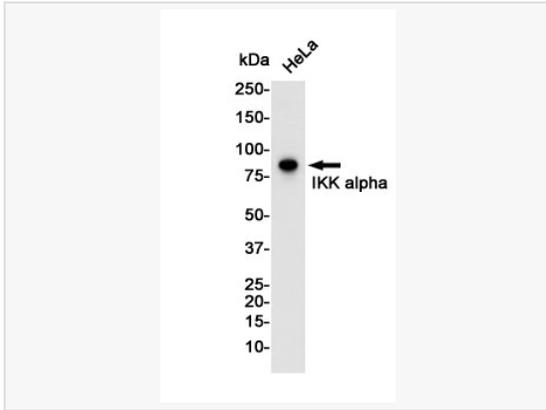
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	18K47L78
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human IKK alpha
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IKK alpha antibody [18K47L78] is for research use only and not for use in diagnostic or therapeutic procedures.

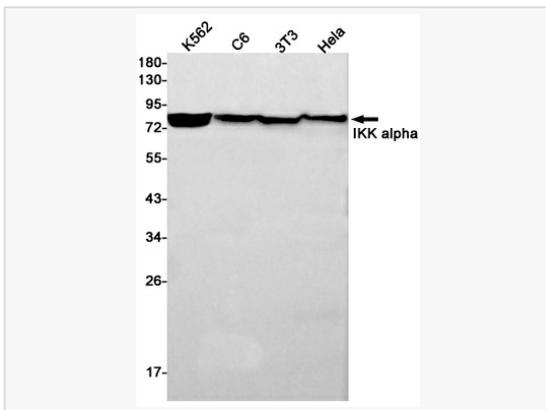
Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 85 kDa; Observed MW: 85 kDa
Uniprot ID	O15111
Gene ID	1147
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.

Validation Images



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.