Anti-Phospho-IKK alpha/beta (Ser176/Ser180) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108834

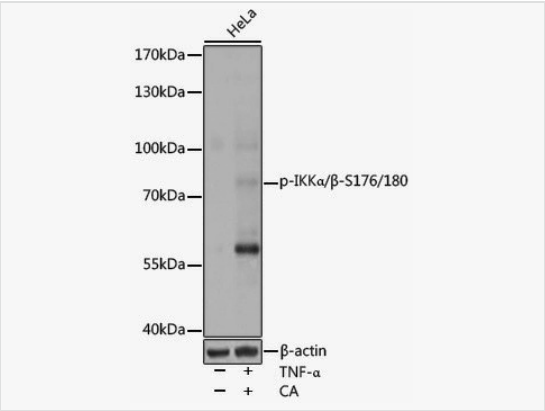
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S176 & S180 of human IKKα/βCHUK (NP_001269.3).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
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-Phospho-IKK alpha/beta (Ser176/Ser180) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	chuk; CHUK1; Conserved Helix Loop Helix Ubiquitous Kinase; Conserved helix loop ubiquitous kinase; Conserved helix-loop-helix ubiquitous kinase; I Kappa B Kinase 1; I Kappa B Kinase Alpha; I-kappa-B kinase 1; I-kappa-B kinase alpha; IkappaB kinase; IkB kinase alpha subunit; IkBKA; IKK 1; IKK A; IKK a kinase; IKK-A; IKK-alpha; IKK1; IKKA; IKKA_HUMAN; Inhibitor Of Kappa Light Polypeptide Gene Enhancer In B Cells; Inhibitor Of Nuclear Factor Kappa B Kinase Alpha Subunit; Inhibitor of nuclear factor kappa-B kinase subunit alpha; NFKBIKA; Nuclear Factor Kappa B Inhibitor Kinase Alpha; Nuclear factor NF kappa B inhibitor kinase alpha; Nuclear factor NF-kappa-B inhibitor kinase alpha; Nuclear factor NFkappaB inhibitor kinase alpha; Nuclear Factor Of Kappa Light Chain Gene Enhancer In B Cells Inhibitor; TCF-16; TCF16; Transcription factor 16; I kappa B kinase 2; I kappa B kinase beta; I-kappa-B kinase 2; I-kappa-B-kinase beta; IkBKB; IKK beta; IKK-B; IKK-beta; IKK2; IKKB; IKKB_HUMAN; IMD15; Inhibitor of kappa light polypeptide gene enhancer in B cells, kinase beta; Inhibitor of nuclear factor kappa-B kinase subunit beta; NFKBIKB; Nuclear factor NF-kappa-B inhibitor kinase beta.
Calculated MW	Observed MW: 85 kDa
Gene ID	1147, 3551
Background	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 ubiquination pathway, thereby activating the transcription factor. [provided by RefSeq, Jul 2008]

Validation Images



Western blot analysis of lysates from HeLa cells, using Phospho-IKKα/β-S176/180 Rabbit pAb (P108834) at 1:1,000 dilution. HeLa cells were treated by TNF-α (20 ng/mL) and Calyculin A (100 nM) at 37°C for 10 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Kit.
Exposure time: 1s.