

Phospho-CHUK-S176 Antibody kit

Catalog No.: RK05791

Basic Information

Observed MW

84kDa

Calculated MW

85kDa

Category

Primary antibody

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 ubiquitination pathway, thereby activating the transcription factor.

Component

Catalog No.	Product Name	Applications	Cross-Reactivity
AP0505	Phospho-IKK α -S176 Rabbit pAb	ELISA, WB	Human, Mouse, Rat
A0423	IKK α Rabbit pAb	WB	Human

Recommended Dilutions

AP0505 WB 1:500 - 1:2000**A0423 WB** 1:500 - 1:2000

For more information please visit
www.abclonal.com

Product Information

Source Rabbit
Isotype IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Immunogen Information

Gene ID

1147



Swiss Prot

O15111

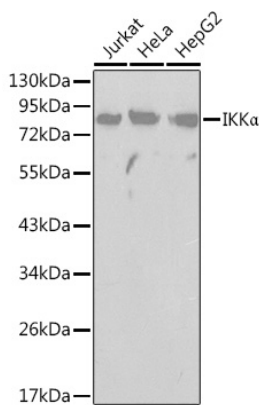
ImmunogenA synthetic phosphorylated peptide around S176 of human IKK α (NP_001269.3).A synthetic peptide corresponding to a sequence within amino acids 600-700 of human IKK α (NP_001269.3).**Synonyms**

CHUK;IKBKA;IKK-alpha;IKK1;IKKA;NFKB1A;TCF16;IKK alpha

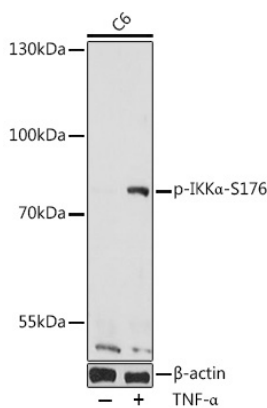
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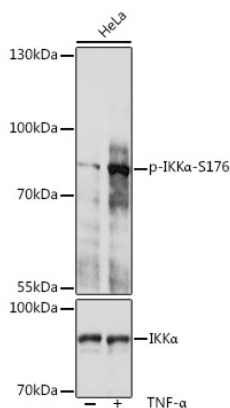
Validation Data



Western blot analysis of extracts of various cell lines, using IKKα antibody (A0423).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of extracts of C6 cells, using Phospho-IKKα-S176 antibody (AP0505) at 1:1000 dilution. C6 cells were treated by TNF-α (20 ng/mL) at 37°C for 30 minutes.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Western blot analysis of extracts of HeLa cells, using Phospho-IKKα-S176 pAb (AP0505) at 1:1000 dilution or IKK alpha antibody (A0423). HeLa cells were treated by TNF-α (20 ng/mL) at 37°C for 30 minutes.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.