AP0505

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Phospho-IKKα-S176 Rabbit pAb

Catalog No.: AP0505 9 Publications

Basic Information

Observed MW
84kDa

Calculated MW
85kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse,Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
1147

Swiss Prot
O15111

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
BPS2; IKK1; IKKA; IKBKA; TCF16; NFKBIKA; IKK-alpha; Phospho-IKKα-S176

Contact

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Product Information

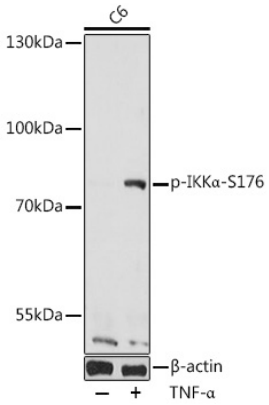
Source
Rabbit

Isotype
IgG

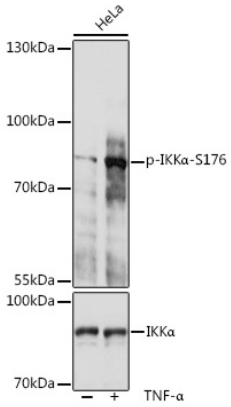
Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from C6 cells, using Phospho-IKKα-S176 Rabbit pAb (AP0505) at 1:1000 dilution. C6 cells were treated with TNF-α (20 ng/mL) at 37℃ for 30 minutes.
Secondary antibody: HRP-conjugated 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 lysates from HeLa cells, using Phospho-IKKα-S176 Rabbit pAb (A0423). HeLa cells were treated with TNF-α (20 ng/mL) at 37℃ for 30 minutes.
Secondary antibody: HRP-conjugated 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.