

Phospho-IκBα-S32 Rabbit mAb

Catalog No.: AP0707

Recombinant

74 Publications

Basic Information

Observed MW

39kDa/

Calculated MW

36kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0147

Background

This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4792

Swiss Prot

P25963

Immunogen

A synthetic phosphorylated peptide around S32 of human IκB alpha (P25963).

Synonyms

IKBA; MAD-3; NFKBI; EDAID2; Phospho-IκBα-S32

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

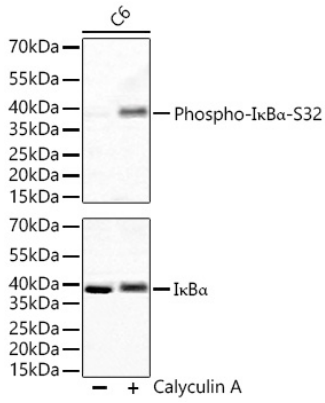
Affinity purification

Storage

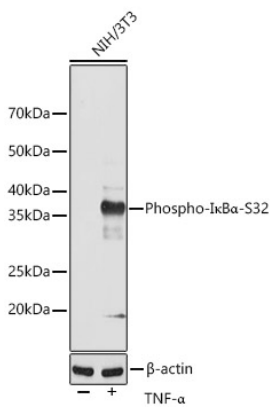
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from C6 cells using Phospho-IκBα-S32 Rabbit mAb (AP0707) at 1:1000 dilution (upper) or IκBα Rabbit mAb (A24909) at 1:6000 dilution (lower) incubated overnight at 4°C. C6 cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-IκBα-S32 Rabbit mAb (AP0707) at 1:1000 dilution. NIH/3T3 and C6 cells were treated by TNF-α (20 ng/mL) at 37°C 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% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 120s.