

# Phospho-IκBα-Y42 Rabbit pAb

Catalog No.: AP0420

## Basic Information

### Observed MW

40kDa

### Calculated MW

36kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human

## 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

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

### Synonyms

IKBA; MAD-3; NFKBI; EDAID2; Phospho-IκBα-Y42

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

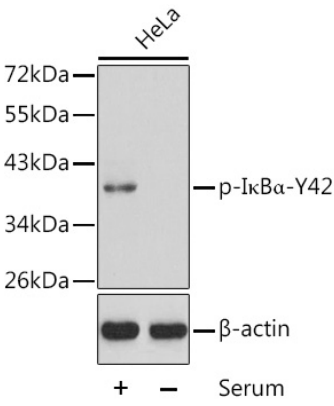
Affinity purification

### Storage

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

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

Validation Data



Western blot analysis of lysates from HeLa cellss, using Phospho-IκBα-Y42 Rabbit pAb (AP0420).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25μg per lane.  
Blocking buffer: 3% BSA.