

# IKB- $\alpha$ Rabbit pAb

Catalog No.: A24742

## Basic Information

### Observed MW

39kDa

### Calculated MW

36kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse, Rat

## 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 - 1:1000

## Immunogen Information

### Gene ID

4792

### Swiss Prot

P25963

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human I $\kappa$ B $\alpha$  (NP\_065390.1).

### Synonyms

IKBA; MAD-3; NFKBI; EDAID2; IKB- $\alpha$

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

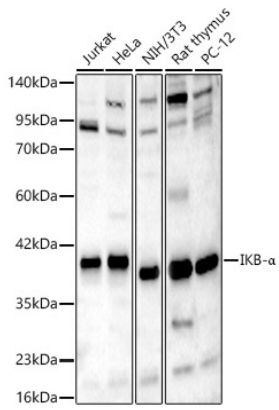
### Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using IKB- $\alpha$  Rabbit pAb (A24742) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates / proteins: 25  $\mu$ g per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.