

[KO Validated] IκBAlpha Rabbit Polyclonal Antibody

CAB11397



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

36kDa

Calculated MW:

35kDa

Applications:

WB IP

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

4792

Uniprot

P25963

Synonyms:

IKBA; MAD-3; NFKBI; IKB alpha; NFKBIA; EDAID2

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IP 1:20 - 1:50

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

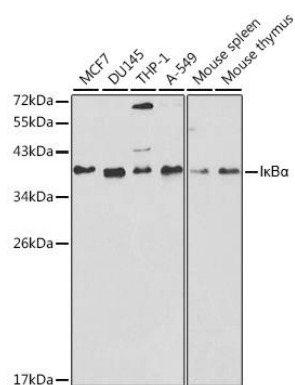
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-317 of human IκBAlpha (NP_065390.1).

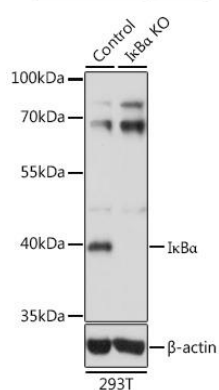
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

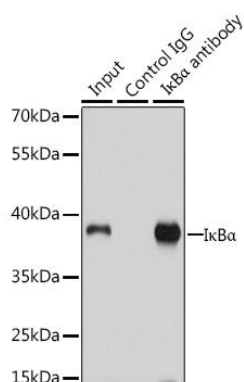
Product Images



Western blot analysis of extracts of various cell lines, using IκBα antibody (CAB11397) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of extracts from normal (control) and IκBα knockout (KO) 293T cells, using IκBα antibody (CAB11397) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 3s.



Immunoprecipitation analysis of 150ug extracts of A549 cells using 3ug IκBα antibody (CAB11397). Western blot was performed from the immunoprecipitate using IκBα antibody (CAB11397) at a dilution of 1:500.