

## IκBα polyclonal antibody

Catalog: BS80104

Host: Rabbit

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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

36kDa

### Swiss-Prot:

P25963

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

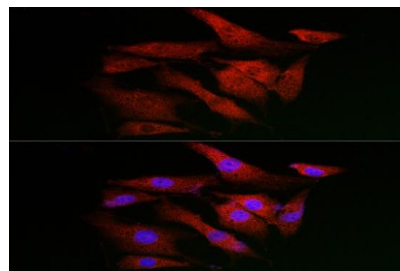
### Modification:

Unmodification

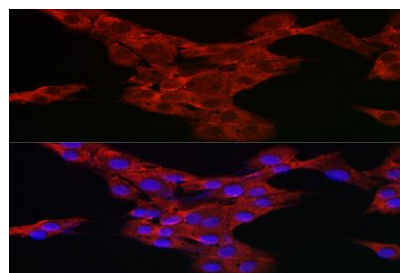
### DATA:

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

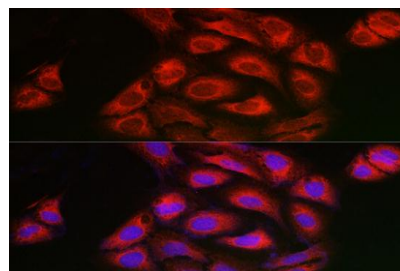
ECL Basic Kit . Exposure time: 5s.



Immunofluorescence analysis of NIH/3T3 cells using IκBα Rabbit pAb at dilution of 1:250 . Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using IκBα Rabbit pAb at dilution of 1:250 . Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using IκBα Rabbit pAb at dilution of 1:250 . Blue: DAPI for nuclear staining.

### Note:

For research use only, not for use in diagnostic procedure.

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