

AP0420

Leader in Biomolecular Solutions for Life Science



Phospho-I κ B α -Y42 Rabbit pAb

Catalog No.: AP0420

Basic Information

Observed MW

40kDa

Calculated MW

36kDa

Category

Polyclonal 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

A phospho specific peptide corresponding to residues surrounding Y42 of human I κ B α

Synonyms

IKBA; MAD-3; NFKBI; EDAID2; Phospho-I κ B α -Y42

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

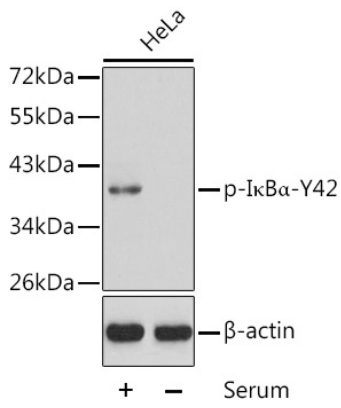
Affinity purification

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 cells, using Phospho-IκBα-Y42 Rabbit pAb (AP0420).

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% BSA.