Recombinant IkB alpha/NFKBIA Monoclonal Antibody

catalog number: AN300411P

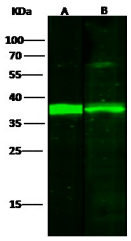
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human IkB alpha/NFKBIA Protein
Host	Rabbit
Isotype	IgG
Clone	5D10
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000
IP	1-4 μL/mg of lysate

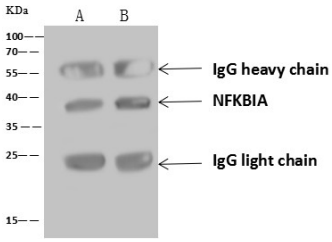
Data



Western Blot with NFKBIA rabbit polyclonal antibody at dilution of 1:500 dilution. Lane A: HepG2 Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:38 kDa

Calculated-MW:37 kDa



Immunoprecipitation analysis using 4 μL anti-NFKBIA Monoclonal Antibody and 60 μg of Immunomagnetic beads Protein A/G. Western blot was performed from the immunoprecipitate using NFKBIA Monoclonal Antibody at a dilution of 1:100. Lane A:0.5 mg HepG2 Whole Cell Lysate, Lane B:0.5 mg 293T Whole Cell Lysate

Observed-MW:38 kDa

Calculated-MW:37 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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.

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