Product datasheet Anti-IkB Alpha/NFKBIA (Phospho-S36) Antibody (Clone#OTI1D4) Catalog Number: MA01139



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Basic Information	
Product Name	Anti-IkB Alpha/NFKBIA (Phospho-S36) Antibody (Clone#OTI1D4)
Gene Name	NFKBIA
Source	Mouse
lsotype	lgG1
Species Reactivity	human, mouse, rat
Tested Application	WB, IF
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human NFKBIA(NP_065390) produced in HEK293T cell.
concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	35.4KD
Dilution Ratios	Western blot (WB): 1:400~2000 Immunofluorescence (IF):1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

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. [provided by RefSeq, Aug 2011]

Selected Validation Data

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Figure 1. Equivalent amounts of cell lysates (10 ug per lane) of wildtype 293T cells (WT) and NFKBIA-Knockout 293T cells (KO) were separated by SDS-PAGE and immunoblotted with anti-NFKBIA monoclonal antibody MA01139, (1:500. Then the blotted membrane was stripped and reprobed with anti-b-actin antibody ([MA01263]) as a loading control.