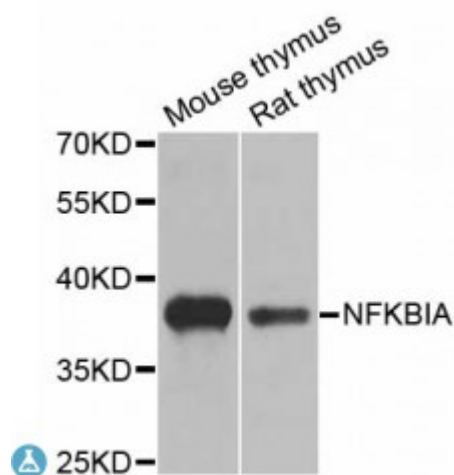


Anti-NFKBIA Antibody



Description

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.

Model	STJ113723
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-317 of human NFKBIA (NP_065390.1).
Gene ID	4792
Gene Symbol	NFKBIA
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	NF-kappa-B inhibitor alpha I-kappa-B-alpha Ikb-alpha IkappaBalpna Major histocompatibility complex enhancer-binding protein MAD3
Molecular Weight	35.609 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:7797OMIM:164008Reactome:R-HSA-1169091
Alternative Names	NF-kappa-B inhibitor alpha I-kappa-B-alpha Ikb-alpha IkappaBalpha Major histocompatibility complex enhancer-binding protein MAD3
Function	Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals, On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription,
Cellular Localization	Cytoplasm, Nucleus,
Post-translational Modifications	Phosphorylated

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