IkB-alpha (N-terminus) Antibody

E2200517

Catalog Number:	E2200517
Size:	100ug
Host:	Mouse
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol
Sensitivity:	This antibody detects endogenous levels IkB-alpha(N-terminus) and does not cross-react with related proteins.
Entrez summary:	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]
UniPort summary 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 tranlocate to the nucleus and activate transcription
Immunogen:	Purified recombinant human IkB-alpha(N-terminus) protein fragments expressed in E.coli.
Antibody Type:	Monoclonal antibody
Isotype:	null
Purified method:	Affinity purified
Subcellular location:	Cytoplasm. Nucleus
Reactivity:	H
Applications:	WB
Molecular Weight:	36kDa
UniProt number:	P25963
GeneBank ID:	NM_020529
Gene symbol:	IKBA; MAD-3; NFKBI
Alternate names:	IKBA; MAD-3; NFKBI

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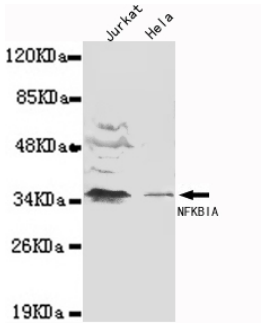

Western blot detection of IkB-alpha(N-terminus) antibody in Jurkat&Hela lysates using IkB-alpha(N-terminus) antibody (1:1000 diluted). Predicted band size: 36KDa Observed band size: 36KDa.