

IKB alpha Polyclonal Antibody

Catalog No.	A1187	Category	Polyclonal Antibodies
Applications	WB	Observed MW	36kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	35kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-317 of human IKB alpha (NP_065390.1).
Gene ID	4792
Swiss prot	P25963
Synonyms	NFKBIA; IKBA; MAD-3; NFKBI; NFKB inhibitor alpha

Product information

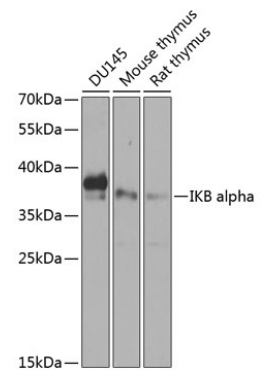
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

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



Western blot analysis of extracts of various cell lines, using IKB alpha antibody (A1187) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.