

Product Name: IKB alpha Rabbit Monoclonal Antibody**Catalog #: AMRe85230**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.49mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:10-1:20
Molecular Weight	Calculated MW: 36 kDa; Observed MW: 39 kDa

Antigen Information

Gene Name	IKB alpha
Alternative Names	NFKBIA; IKBA; MAD3; NFKBI; NF-kappa-B inhibitor alpha; I-kappa-B-alpha; Ikb-alpha; IkappaBalpha; Major histocompatibility complex enhancer-binding protein MAD3
Gene ID	4792.0
SwissProt ID	P25963
Immunogen	A synthetic peptide of human IKB alpha

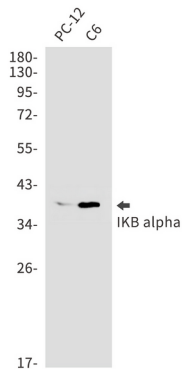
Background

NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA (MIM 164014), or RELB (MIM 604758) to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA or NFKBIB, MIM 604495), which

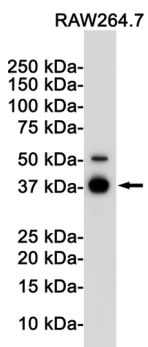
inactivate NF-kappa-B by trapping it in the cytoplasm.

Research Area

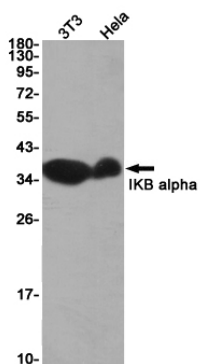
Image Data



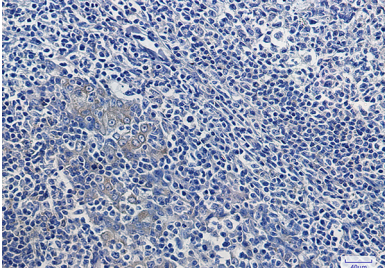
Western blot analysis of IKB alpha in PC-12, C6 lysates using IKB alpha antibody.



Western blot analysis of IKB alpha in Raw264.7 lysates using IKB alpha antibody.



Western blot analysis of IKB alpha in 3T3, HeLa lysates using IKB alpha antibody



Immunohistochemistry analysis of paraffin-embedded Human tonsil using IKB alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.