Product Name: Phospho-IKB alpha (Ser32) Rabbit Polyclonal Antibody
Catalog #: APRab00694

Summary

Production Name	Phospho-IKB alpha (Ser32) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	NFKBIA
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
SwissProt ID	P25963

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 36 kDa; Observed MW: 39 kDa

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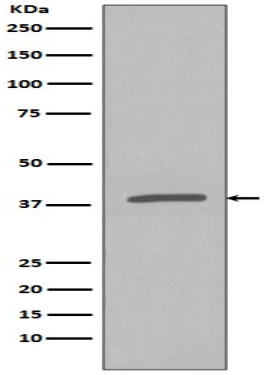
Background

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

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Phospho-IKB alpha (S32) in HeLa lysates treated with Calyculin A and TNFa using Phospho-IKB alpha (Ser32) antibody.

Note

For research use only.