

Anti-NFKBIA / IKB Alpha / IKBA Antibody (aa15-64)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18020

Product Information

Application	WB, IHC-P, E
Primary Accession	P25963
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	35609

Additional Information

Gene ID	4792
Alias Symbol	NFKBIA
Other Names	NFKBIA, Ikb-alpha, IKBA, IkappaBalphabet, MAD3, NF-kappa-B inhibitor alpha, NFKBI, I-kappa-B-alpha, IKB Alpha, MAD-3
Target/Specificity	IkappaB-alpha (Ab-32/36) Antibody detects endogenous levels of total IkappaB-alpha protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-NFKBIA / IKB Alpha / IKBA Antibody (aa15-64) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NFKBIA
Synonyms	IKBA, MAD3, NFKBI
Function	Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL (RELA/p65 and NFKB1/p50) dimers in the cytoplasm by masking their nuclear localization signals (PubMed: 1493333 , PubMed: 36651806 , PubMed: 7479976). On cellular stimulation by immune and pro-inflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription (PubMed: 7479976 , PubMed: 7628694 , PubMed: 7796813 , PubMed: 7878466).
Cellular Location	Cytoplasm. Nucleus. Note=Shuttles between the nucleus and the cytoplasm by a nuclear localization signal (NLS) and a CRM1-dependent nuclear export.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.