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Anti-NFKBIA / IKB Alpha / IKBA Antibody (aa9-58)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18019

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, IkappaBalpha, MAD3, NF-kappa-B inhibitor alpha, NFKBI, I-kappa-B-alpha, IKB Alpha, MAD-3
Target/Specificity	IkappaB-alpha (Ab-42) Antibody detects endogenous levels of total IkappaB-alpha protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-NFKBIA / IKB Alpha / IKBA Antibody (aa9-58) 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'.