

Anti-NFKBIA / IKB Alpha / IKBA Antibody (aa15-64)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18020**Specification****Anti-NFKBIA / IKB Alpha / IKBA Antibody (aa15-64) - Product Information**

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

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

Anti-NFKBIA / IKB Alpha / IKBA Antibody (aa15-64) - 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:7479976, PubMed:36651806). 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:7796813).

target="_blank">7796813, PubMed:7628694, PubMed:7878466, PubMed:7479976).

Cellular Location

Cytoplasm. Nucleus. Note=Shuttles between the nucleus and the cytoplasm by a nuclear localization signal (NLS) and a CRM1-dependent nuclear export.

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

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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