

IKB alpha Rabbit mAb
Catalog # AP74997**Specification**

IKB alpha Rabbit mAb - Product Information

Application	WB, IHC, IP
Primary Accession	P25963
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	35609

IKB alpha Rabbit mAb - Additional Information**Gene ID** 4792**Other Names**

NFKBIA

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

IP~~1/20

Format

Liquid

IKB alpha Rabbit mAb - 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](http://www.uniprot.org/citations/1493333), PubMed: [36651806](http://www.uniprot.org/citations/36651806), PubMed: [7479976](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/7479976), PubMed: [7628694](http://www.uniprot.org/citations/7628694), PubMed: [7796813](http://www.uniprot.org/citations/7796813), PubMed: [7878466](http://www.uniprot.org/citations/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.

IKB alpha Rabbit mAb - 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](#)

IKB alpha Rabbit mAb - Images



