

# IKB alpha Rabbit mAb

Catalog # AP74997

## Product Information

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<b>Application</b>	WB, IHC-P, IP
<b>Primary Accession</b>	<a href="#">P25963</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	35609

## Additional Information

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<b>Gene ID</b>	4792
<b>Other Names</b>	NFKBIA
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IP~~1/20
<b>Format</b>	1xPBS(pH 7.4), 150mM NaCl, 50% Glycerol, 0.02% Sodium azide and 0.05% BSA
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

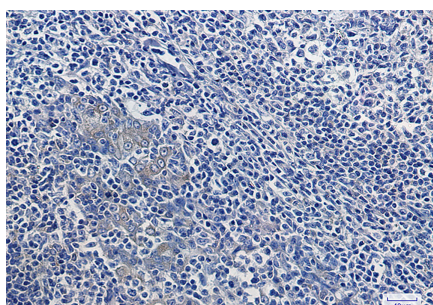
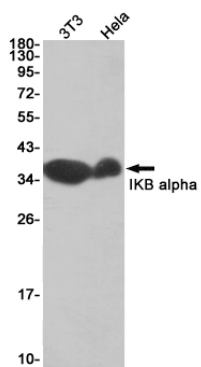
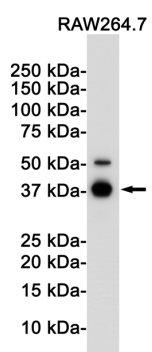
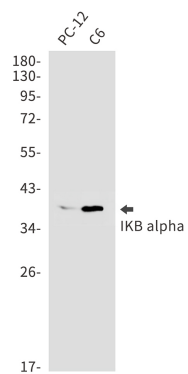
## Protein Information

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<b>Name</b>	NFKBIA
<b>Synonyms</b>	IKBA, MAD3, NFKBI
<b>Function</b>	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: <a href="#">1493333</a> , PubMed: <a href="#">36651806</a> , PubMed: <a href="#">7479976</a> ). 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: <a href="#">7479976</a> , PubMed: <a href="#">7628694</a> , PubMed: <a href="#">7796813</a> , PubMed: <a href="#">7878466</a> ).
<b>Cellular Location</b>	Cytoplasm. Nucleus. Note=Shuttles between the nucleus and the cytoplasm by a nuclear localization signal (NLS) and a CRM1-dependent nuclear export.

## Images

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