

IKB alpha Rabbit mAb

Catalog # AP76816

Product Information

| | |
|--------------------------|------------------------|
| Application | WB |
| Primary Accession | P25963 |
| Reactivity | Human, Rat |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Calculated MW | 35609 |

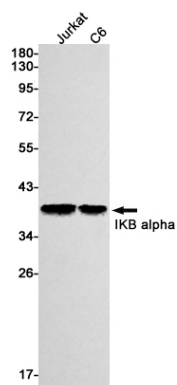
Additional Information

| | |
|--------------------|------------------|
| Gene ID | 4792 |
| Other Names | NFKBIA |
| Dilution | WB~~1/500-1/1000 |
| Format | Liquid |

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. |

Images



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