**KO Validated** IKB alpha Polyclonal Antibody

<table>
<thead>
<tr>
<th><strong>Catalog No.</strong></th>
<th>A11397</th>
<th><strong>Category</strong></th>
<th>Polyclonal Antibodies</th>
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<td><strong>Applications</strong></td>
<td>WB, IF, IP</td>
<td><strong>Observed MW</strong></td>
<td>36kDa</td>
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<td><strong>Cross-reactivity</strong></td>
<td>Human, Mouse, Rat</td>
<td><strong>Calculated MW</strong></td>
<td>35kDa</td>
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**Immunogen Information**

**Immunogen**
Recombinant fusion protein containing a sequence corresponding to amino acids 1-317 of human IKB alpha (NP_065390.1).

**Gene ID**
4792

**Swiss prot**
P25963

**Synonyms**
NFKBIA; IKBA; MAD-3; NFKBI; NFKB inhibitor alpha

**Product Information**

**Source**
Rabbit

**Isotype**
IgG

**Purification method**
Affinity purification

**Storage**
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Background**

This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease.

**Recommended Dilutions**

- **WB** 1:500 - 1:2000
- **IF** 1:20 - 1:50
- **IP** 1:20 - 1:50

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**Immunofluorescence - [KO Validated]** IKB alpha Polyclonal Antibody (A11397)

**Immunoprecipitation - [KO Validated]** IKB alpha Polyclonal Antibody (A11397)

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**Western blot - [KO Validated]** IKB alpha Polyclonal Antibody (A11397)

**Western blot - [KO Validated]** IKB alpha Polyclonal Antibody (A11397)