

## Product datasheet for **TA325726**

### **IKB alpha (NFKBIA) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB: 1:500-1:2000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The antiserum was produced against A synthesized peptide derived from human IkappaB-alpha
<b>Formulation:</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	35 kDa
<b>Gene Name:</b>	NFKB inhibitor alpha
<b>Database Link:</b>	<a href="#">NP_065390</a> <a href="#">Entrez Gene 18035 Mouse</a> <a href="#">Entrez Gene 25493 Rat</a> <a href="#">Entrez Gene 4792 Human</a> <a href="#">P25963</a>
<b>Background:</b>	NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA (MIM 164014), or RELB (MIM 604758) to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA or NFKBIB, MIM 604495), which inactivate NF-kappa-B by trapping it in the cytoplasm.
<b>Synonyms:</b>	IKBA; MAD-3; NFKBI

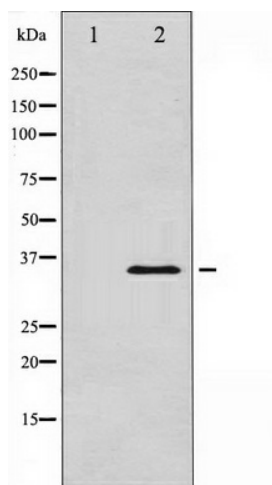


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**Protein Families:** Druggable Genome

**Protein Pathways:** Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

**Product images:**



Western blot analysis of IκappaB-alpha expression in HuvEc whole cell lysates. The lane on the left is treated with the antigen-specific peptide.