

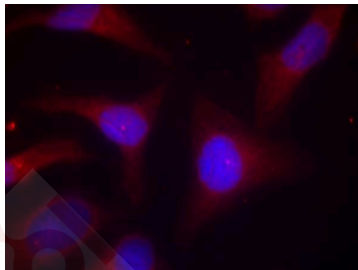
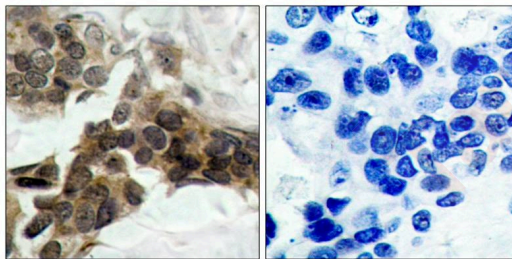
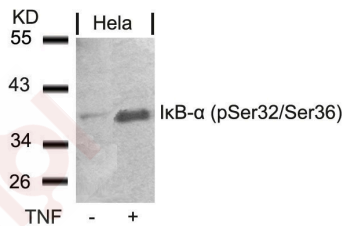
## Anti-Phospho-NFKBIA (Ser32, 36) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

### Applications

- Verified Activity:
1. Western blot analysis of extracts from Hela cells untreated or treated with TNF using IκB-α (Phospho-Ser32/Ser36) Antibody TMAC-02118.
  2. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IκB-α (Phospho-Ser32/Ser36) Antibody TMAC-02118 (left) or the same antibody preincubated with blocking peptide (right).
  3. Immunofluorescence staining of methanol-fixed Hela cells using IκB-α (Phospho-Ser32/Ser36) Antibody TMAC-02118.



Application: IF,IHC,WB

## A DRUG SCREENING EXPERT

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### Properties

**Stability & Storage:** Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

**Shipping:** Shipping with blue ice.

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### Antigen Details

**Immunogen:** Peptide sequence around phosphorylation site of serine 32/36 (H-D-S(p)-G-L-D-S(p)-M-K) derived from Human I $\kappa$ B- $\alpha$

**Antigen Species:** Human

**Uniprot ID:** P25963

**Synonyms:** p-NFKBIA (S32, 36);p-NFKBIA (Ser32, 36);NFKBIA (p-S32, 36);NFKBIA (p-Ser32, 36)

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### Research Background

Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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