

## Anti-Phospho-NFKBIA (Tyr42) Polyclonal Antibody

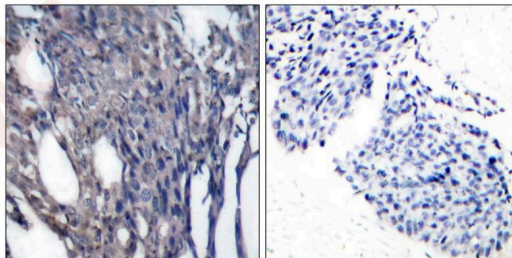
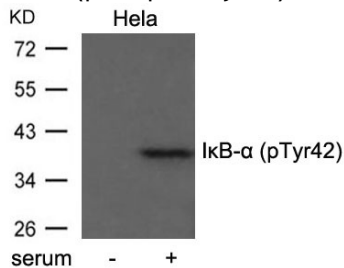
### Product Details

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

### Applications

#### Verified Activity:

1. Western blot analysis of extract from Hela cells untreated or treated with serum using IκB-α (Phospho-Tyr42) antibody TMAC-02119.
2. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IκB-α (phospho-Tyr42) antibody (TMAC-02119).



Application: IHC,WB

### 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.

### Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 42 (E-E-Y(p)-E-Q) derived from Human I $\kappa$ B- $\alpha$
Antigen Species:	Human
Uniprot ID:	P25963
Synonyms:	p-NFKBIA (Y42);NFKBIA (p-Y42);NFKBIA (p-Tyr42);p-NFKBIA (Tyr42)

---

### 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481