

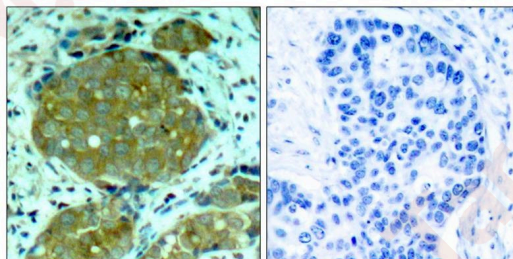
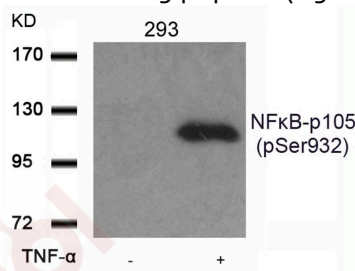
## Anti-Phospho-NFKB1 (Ser932) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
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:
- Western blot analysis of extracts from 293 cells untreated or treated with TNF- $\alpha$  using NFkB-p105 (Phospho-Ser932) Antibody TMAC-02812.
  - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NFkB-p105 (Phospho-Ser932) Antibody TMAC-02812 (left) or the same antibody preincubated with blocking peptide (right).



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 serine 932 (E-T-S(p)-F-R) derived from Human NFkB-p105
Antigen Species:	Human
Uniprot ID:	P19838
Synonyms:	NFKB1 (p-Ser932);p-NFKB1 (Ser932);NFKB1 (p-S932);p-NFKB1 (S932)

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### Research Background

NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52 and the heterodimeric p65-p50 complex appears to be most abundant one. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively.

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

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