

## Phospho-NFκB-p105(Ser907) Polyclonal Antibody

Catalog No. E-AB-20934

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

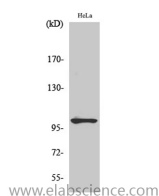
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Synthesized peptide derived from human NFκB-p105 around the phosphorylation site of S907.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:300
<b>IP</b>	1:200-1:500
<b>ELISA</b>	1:20000

### Data



Western Blot analysis of HeLa cells using Phospho-NFκB-p105(Ser907) Polyclonal Antibody at dilution of 1:2000.

**Observed Mw:110kDa**  
**Calculated Mw:105kDa**

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

NFκB 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. Activated NFκB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFκB has been associated with a number of inflammatory diseases while persistent inhibition of NFκB leads to inappropriate immune cell development or delayed cell growth. NFκB1 appears to have dual functions such as cytoplasmic retention of attached NF-kappa-B proteins by p105 and generation of p50 by a cotranslational

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processing. This antibody can bind both p105 and p50 isoforms of NFKB1.