

## Product datasheet for **AP01651PU-N**

### **NF-kB p65 (RELA) pThr254 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	ELISA: 1/20000-1/40000. Western Blot: 1/500-1/1000. Immunohistochemistry: 1/50-1/200. Immunoprecipitation: 1/50-1/200.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of NFκB-p65 pThr254 protein.
Formulation:	Phosphate buffered saline (PBS), pH~7.2 containing 15 mM Sodium Azide as preservative. State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE).
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	RELA proto-oncogene, NF-kB subunit
Database Link:	<a href="#">Entrez Gene 5970 Human Q04206</a>



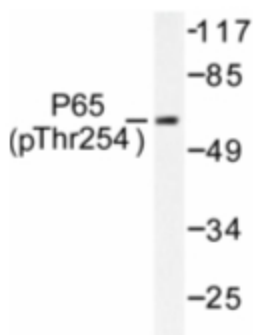
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**Background:**

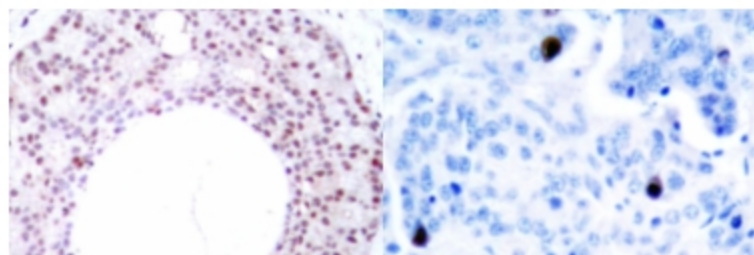
The NFkB transcription factor was originally identified as a protein complex consisting of a DNA binding subunit and an associated protein. The DNA binding subunit is functionally related to c-Rel p75 and Rel B p68. The p50 subunit was initially believed to be a functionally unique protein derived from the amino-terminus of a precursor designated p105. A cDNA has been isolated that encodes an alternative DNA binding subunit of NFkB. It is synthesized as a protein that is expressed in a variety of cell types and, like p105, undergoes cleavage to generate its NFkB subunit, in this case a protein designated p52 (previously referred to as p49). In contrast to p50 derived from p105, p52 acts in synergy with p65 to stimulate the HIV enhancer in transiently transfected Jurkat cells.

**Synonyms:**

NF kappa B p65, NFkB p65, Transcription factor p65, Rel A, NFKB3

**Product images:**


Western blot (WB) analysis of NFkB-p65 pThr254 antibody in extracts from 293 cells treated with TNF-alpha.



Immunohistochemistry (IHC) analysis of NFkB-p65 pThr254 antibody in paraffin-embedded human breast carcinoma tissue.