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35-1232: Polyclonal Antibody to NFkB-p105/p50 (Phospho-Ser932)

Clonality :	Polyclonal
Application :	WB,IHC
Reactivity :	Human,Mouse,Rat
Gene :	NF-kB1
Gene ID :	4790
Uniprot ID :	P19838
Format :	Purified
Alternative Name :	DNA-binding factor KBF1, EBP-1, NF-kappa-B1 p84/NF-kappa-B1 p98, NFKB1, NFkB-p50
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of serine 932 (E-T-S(p)-F-R) derived from Human NFkB-p105.

Description

NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processed 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. Soren Beinke et al. (2004) Biochem J. 382(Pt 2): 393

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 120 kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

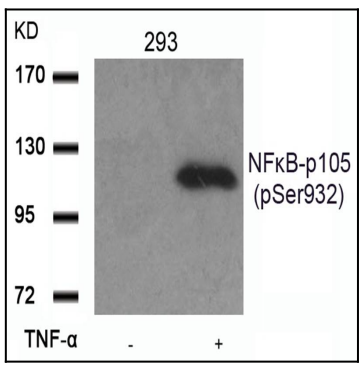

Figure 1: Western blot analysis of extracts from 293 cells untreated or treated with TNF-a using NFkB-p105(Phospho-Ser932) Antibody 35-1232 .

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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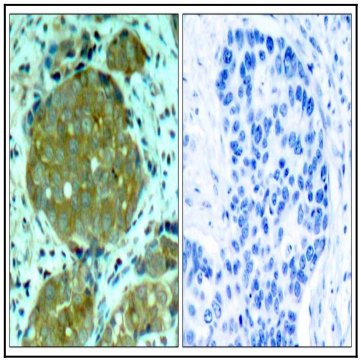

Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NFkB-p105(Phospho-Ser932) Antibody 35-1232 (left) or the same antibody preincubated with blocking peptide(right).

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