



# Rabbit Anti-NFkB monoclonal antibody, clone TA31-12 (CABT-L593)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	NFkB p105/p50
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	TA31-12
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC
<b>Molecular Weight</b>	50/105 kDa
<b>Cellular Localization</b>	Cytoplasm, Nucleus.
<b>Positive Control</b>	PC-12, NIH/3T3, Hela, human tonsil tissue, human spleen tissue, human breast carcinoma tissue, mouse prostate tissue, mouse bladder tissue.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	<p>Proteins encoded by the v-Rel viral oncogene and its cellular homolog, c-Rel, are members of a family of transcription factors that include the two subunits of the transcription factor NF B (p50 and p65) and the Drosophila maternal morphogen, dorsal. These proteins share sequence homology over a region of 300 amino acids at their NH<sub>2</sub>-terminus, the region that contains their DNA binding and dimerization domains. The DNA binding activity of NF B is activated and rapidly transported from the cytoplasm to the nucleus in cells exposed to mitogens or growth factors. cDNAs encoding precursors for two distinct proteins have been described. These proteins, designated p105 and p100, are highly related but map on different chromosomes. The p105 (p110) precursor contains p50 at its N-terminus and a C-terminal region that when expressed as a separate molecule, designated pDL, binds to p50 and regulates its activity.</p>
<b>Keywords</b>	<p>DKFZp686C01211;DNA binding factor KBF1;DNA binding factor KBF1 EBP1;DNA-binding factor KBF1;EBP 1;EBP-1;EBP1;KBF1;MGC54151;NF kappa B;NF kappaB;NF kappabeta;NF kB1;NFkappaB;NFKB 1;NFKB p105;NFKB p50;Nfkb1;NFKB1_HUMAN;Nuclear factor kappa B DNA binding subunit;Nuclear factor kappa-B, subunit 1;Nuclear factor NF kappa B p105 subunit;Nuclear factor NF kappa B p50 subunit;Nuclear factor NF-kappa-B p50 subunit;Nuclear factor of kappa light chain gene enhancer in B cells 1;Nuclear factor of kappa light polypeptide gene enhancer in B cells 1;Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1;p105;p50;p84/NF-kappa-B1 p98;Transcription factor NFKB1 antibody</p>