



Rabbit Anti-NFkB monoclonal antibody, clone TA21-15 (CABT-L591)

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

PRODUCT INFORMATION

Target	NF-kB p65
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, zebrafish
Clone	TA21-15
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	65 kDa
Cellular Localization	Nucleus, Cytoplasm.
Positive Control	A549, MCF-7, Hela, NIH/3T3, mouse lung tissue, human lung cancer tissue, human breast carcinoma tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

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

BACKGROUND

Introduction

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 kB (p50 and p65) and the Drosophila maternal morphogen, dorsal. Both proteins specifically bind to DNA sequences that are the same or slight variations of the 10 bp kB sequence in the immunoglobulin k light chain enhancer. This same sequence is also present in a number of other cellular and viral enhancers. The DNA binding activity of NFkB is activated and NFkB is subsequently transported from the cytoplasm to the nucleus in cells exposed to mitogens or growth factors. cDNAs encoding precursors for two distinct proteins of the same size have been described, designated p105 and p100. The p105 precursor contains p50 at its N-terminus and a C-terminal region that when expressed as a separate molecule, designated pDI, binds to p50 and regulates its activity.

Keywords

Avian reticuloendotheliosis viral (v rel) oncogene homolog A;MGC131774;NF kappa B p65delta3;NFkB3;Nuclear Factor NF Kappa B p65 Subunit;Nuclear factor NF-kappa-B p65 subunit;Nuclear factor of kappa light polypeptide gene enhancer in B cells 3;Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3;OTTHUMP00000233473;OTTHUMP00000233474;OTTHUMP00000233475;OTTHUMP00000233476;O NF kappaB;p65 NFkB;reIA;TF65_HUMAN;Transcription factor p65;v rel avian reticuloendotheliosis viral oncogene homolog A (nuclear factor of kappa light polypeptide gene enhancer in B cells 3 (p65));V rel avian reticuloendotheliosis viral oncogene homolog A;v rel reticuloendotheliosis viral oncogene homolog A (avian);V rel reticuloendotheliosis viral oncogene homolog A, nuclear factor of kappa light polypeptide gene enhancer in B cells 3, p65 antibody