



Rabbit Anti-Human NFkB1 polyclonal antibody (CABT-BL8465)

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

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Chicken, Dog, Mouse
Target	NFkB1
Immunogen	Synthetic peptide from N-terminus of human NFkB p50.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	50 kDa
Cellular Localization	Cytoplasm
Positive Control	Prostate, Testis, Tonsil
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

NF kappa B is a heterodimer consisting of a 50kDa DNA binding subunit and a 65kDa transactivating subunit (RelA) . P50 subunit of NFkB has an isoform and both the proteins of 105 and 100kDa respectively. The p50/p65 heterodimer is present in the cytoplasm in active form bound to its inhibitor, Ikb. Upon stimulation of cells with stimuli like LPS, Interlekin-1, Ikb gets phosphorylated and degraded by proteosomes releasing the activated NFkB which goes to the nucleus inducing gene expression.

Keywords

NFKB1;nuclear factor of kappa light polypeptide gene enhancer in B-cells
1;p50;KBF1;p105;EBP-1;NF-kB1;NFKB-p50;NFkappaB;NF-kappaB

GENE INFORMATION

Entrez Gene ID

[4790](#)

UniProt ID

[P19838](#)
