

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:500-1:5000, IHC:1:25-1:100

Protein Background:

This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. Two transcript variants encoding different isoforms have been found for this gene.

Gene ID:

NFKB1

Uniprot

P19838

Synonyms:

nuclear factor of κ ; light polypeptide gene enhancer in B-cells 1

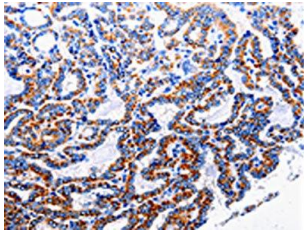
Immunogen:

Fusion protein of human NFKB1.

Storage:

-20 $\text{\textcircled{C}}$; C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

Product Images



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO13928(NFKB1 Antibody) at dilution 1/40. (Original magnification: 200).