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- Trockeneiszuschlag
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NFKB1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004790-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

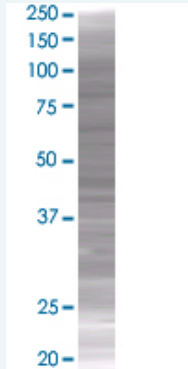
Plasmid: pCMV-NFKB1 full-length

Host: Human

Theoretical MW (kDa): 106.7

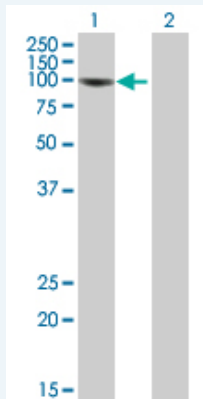
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-NFKB1 antibody ([H00004790-B01](#)) by Western Blots.

SDS-PAGE Gel



NFKB1 transfected lysate.

Western Blot



Lane 1: NFKB1 transfected lysate (105.4 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [4790](#)

GeneBank [NM_003998](#)
Accession#:

Protein [NP_003989](#)
Accession#:

Gene Name: NFKB1

Gene Alias: DKFZp686C01211,EBP-1,KBF1,MGC54151,NF-kappa-B,NFKB-p105,NFKB-p50,p105,p50

Gene Description: nuclear factor of kappa light polypeptide gene enhancer in B-cells 1

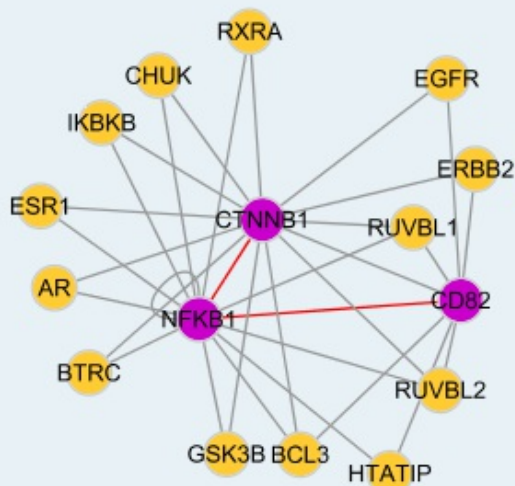
Omim ID: [164011](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: DNA binding factor KBF1,NF-kappabeta,nuclear factor NF-kappa-B p50 subunit,nuclear factor kappa-B DNA binding subunit,nuclear factor kappa-B, subunit 1

Interactome



Gene Pathway

[Acute myeloid leukemia](#) [Adipocytokine signaling pathway](#) [Apoptosis](#)
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