

Datasheet for ABIN5539290
anti-NFkB antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	NFkB
Binding Specificity:	AA 911-937, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFkB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NFkB(p105) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 911-937 amino acids from the C-terminal region of human NFkB(p105).
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NFkB
Alternative Name:	NFkB (NFkB Products)
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

Target Details

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.

Molecular Weight: 105 kDa

Gene ID: 4790

UniProt: [P19838](#)

Pathways: [Ubiquitin Proteasome Pathway](#), [S100 Proteins](#)

Application Details

Application Notes: For WB starting dilution is: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

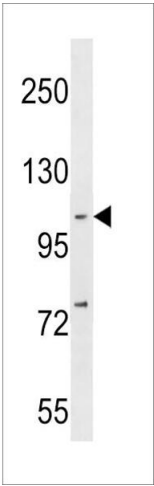
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the NFkB antibody detected the NFkB protein (arrow).