

Datasheet for ABIN518331  
**anti-NFKB1 antibody (AA 1-969)**



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2 Images

1 Publication

## Overview

Quantity:	50 µL
Target:	NFKB1
Binding Specificity:	AA 1-969
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This NFKB1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human NFKB1 protein.
Immunogen:	NFKB1 (NP_003989, 1 a.a. ~ 969 a.a) full-length human protein.
Sequence:	MAEDDPYLGR PEQMFHLDPS LTHTIFNPEV FQPQMALPTA DGPYLQILEQ PKQRGFRFRY VCEGPSHGGL PGASSEKNKK SYPQVKICNY VGPAKVIVQL VTNGKNIHLH AHSLVGKHCE DGICTVTAGP KDMVVGFANL GILHVTKKKV FETLEARMTE ACIRGYNPGL LVHPDLAYLQ AEGGGDRQLG DREKELIRQA ALQQTKEMDL SVRLMFTAF LPDSTGSFTR RLEPVVSDAI YDSKAPNASN LKIVRMDRTA GCVTGGEEIY LLCDKVQKDD IQIRFYEEEE NGGVWEGFGD FSPTDVHRQF AIVFKTPKYK DINITKPASV FVQLRRKSDL ETSEPKPFLY YPEIKDKEEV QRKRQKMPN FDSFGGGSG AGAGGGGMFG SGGGGGTGS TGPGYSFPHY GFPTYGGITF HPGTTKSNAG MKHGTMDTES KKDPEGCDKS DDKNTVNLFG KVIETTEQDQ EPSEATVGNG EVTLYATGT KEESAGVQDN LFLEKAMQLA KRHANALFDY AVTGDVKMLL AVQRHLTAVQ DENGDSVLHL AIIHLHSQLV RDLLLEVTSGL ISDDIINMRN DLYQTPLHLA VITKQEDVVE

## Product Details

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DLLRAGADLS LLDRLGNSVL HLAAKEGHDK VLSILLKHKK AALLLDHPNG DGLNAIHLAM  
MSNSLPCLLL LVAAGADVNA QEQKSGRTAL HLAVEHDNIS LAGCLLEGD AHVDSTTYDG  
TTPLHIAAGR GSTRLAALLK AAGADPLVEN FEPLYDLDDS WENAGEDEGV VPGTTPLDMA  
TSWQVFDILN GKPYEPEFTS DDLLAQGDMK QLAEDVKLQL YKLEIPDPD KNWATLAQKL  
GLGILNNAFR LSPAPSKTLM DNYEVSGGTV RELVEALRQM GYTEAIEVIQ AASSPVKTTS  
QAHSPLSPA STRQQIDELR DSDSVCDSGV ETSFRKLSFT ESLTSGASLL TLNKMPHDYG  
QEGPLEGKI

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

## Target Details

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Target: NFKB1

Alternative Name: NFKB1 ([NFKB1 Products](#))

Background: Full Gene Name: nuclear factor of kappa light polypeptide gene enhancer in B-cells 1  
Synonyms: DKFZp686C01211,EBP-1,KBF1,MGC54151,NF-kappa-B,NFKB-p105,NFKB-p50,p105,p50

Gene ID: 4790

NCBI Accession: [NM\\_003998](#)

Pathways: [p53 Signaling](#), [NF-kappaB Signaling](#), [RTK Signaling](#), [TCR Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Myometrial Relaxation and Contraction](#), [Regulation of Carbohydrate Metabolic Process](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#), [S100 Proteins](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: No additive

Preservative: Without preservative

## Handling

Handling Advice: Aliquot to avoid repeated freezing and thawing.

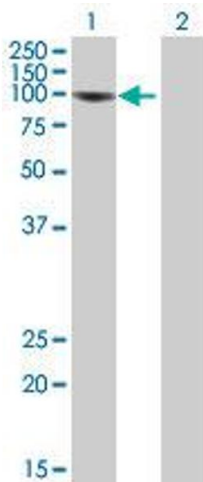
Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

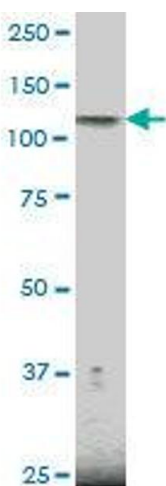
Product cited in: Elremaly, Mohamed, Mialet-Marty, Rouleau, Lavoie: "Ascorbylperoxide from parenteral nutrition induces an increase of redox potential of glutathione and loss of alveoli in newborn guinea pig lungs." in: **Redox biology**, Vol. 2, pp. 725-31, (2014) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** Western Blot analysis of NFKB1 expression in transfected 293T cell line



### Western Blotting

**Image 2.** NFKB1 MaxPab polyclonal antibody. Western Blot analysis of NFKB1 expression in human spleen.