

NFKB1 antibody

Catalog No: #39087

Package Size: #39087-1 50ul #39087-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

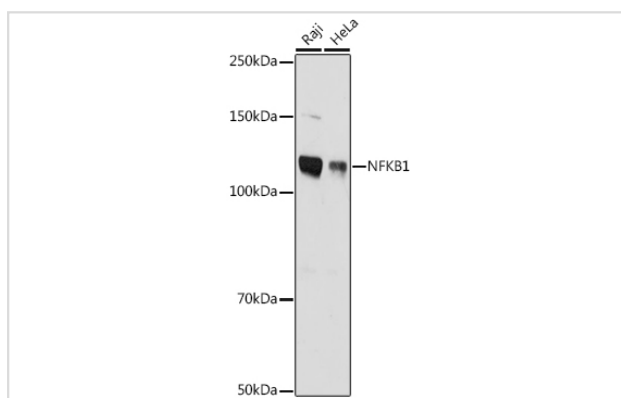
Description

Product Name	NFKB1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total NFKB1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human NFKB1 (NP_001158884.1).
Target Name	NFKB1
Other Names	NFKB1;CVID12;EBP-1;KBF1;NF-kB1;NF-kappa-B;NF-kappaB;NFKB-p105;NFKB-p50;NFkappaB;p105;p50
Accession No.	Uniprot:P19838GenelD:4790
SDS-PAGE MW	120KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

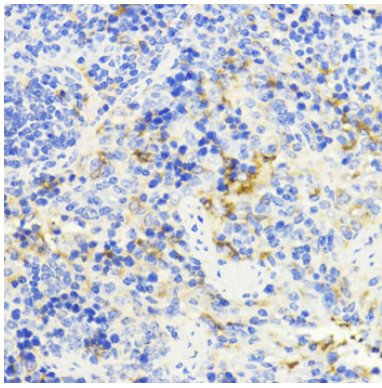
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:100

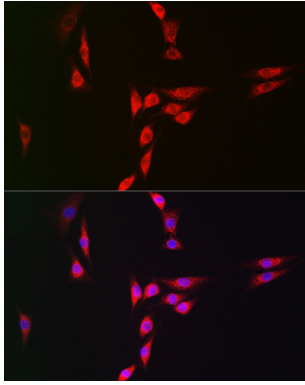
Images



Western blot analysis of extracts of various cell lines, using NFKB1 antibody.



Immunohistochemistry of paraffin-embedded mouse spleen using NFKB1 antibody.



Immunofluorescence analysis of NIH-3T3 cells using [KO Validated] NFKB1 Rabbit pAb.

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. Alternative splicing results in multiple transcript variants encoding different isoforms, at least one of which is proteolytically processed.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.