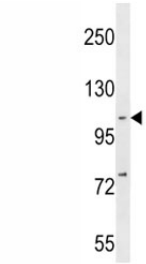
NFKB1 Antibody (F47079)

Catalog No.	Formulation	Size
F47079-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47079-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Chicken
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P19838
Applications	Western blot: 1:1000
Limitations	This NFKB1 antibody is available for research use only.



NFKB1 antibody western blot analysis in MDA-MB231 lysate. Expected molecular weight: 105 kDa.

Description

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.

Application Notes

Titration of the NFKB1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 911-937 from the human protein was used as the immunogen for this NFKB1 antibody.

Storage

Aliquot the NFKB1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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