

[KO Validated] NFKB1 Polyclonal Antibody

Catalog No.	A6667	Category	Polyclonal Antibodies
Applications	WB, IHC, IF	Observed MW	120kDa
Cross-reactivity	Human, Mouse	Calculated MW	85kDa/105kDa

Immunogen Information

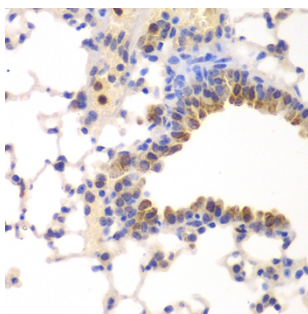
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 740-964 of human NFKB1 (NP_001158884.1).
Gene ID	4790
Swiss prot	P19838
Synonyms	NFKB1; CVID12; EBP-1; KBF1; NF-kB1; NF-kappa-B; NF-kappaB; NFKB-p105; NFKB-p50; NFKB-p50; NFKB-p50; nuclear factor kappa B subunit 1

Product information

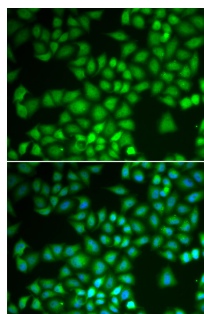
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.



Immunohistochemistry - [KO Validated] NFKB1 Polyclonal Antibody (A6667)



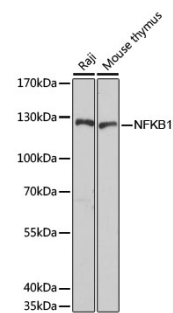
Immunofluorescence - [KO Validated] NFKB1 Polyclonal Antibody (A6667)

Recommended Dilutions

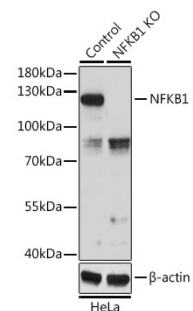
WB 1:500 -
1:2000

IHC 1:50 -
1:200

IF 1:50 -
1:100



Western blot - [KO Validated] NFKB1 Polyclonal Antibody (A6667)



Western blot - [KO Validated] NFKB1 Polyclonal Antibody (A6667)