

Mouse anti-Human NFKB1 Monoclonal Antibody | anti-NFKB1 antibody

Anti-NFKB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA249062	Mouse	Human	Immunofluorescence, Western Blot, ELISA

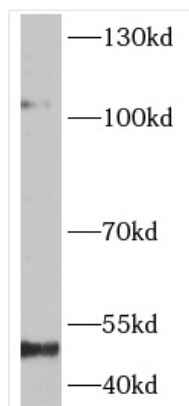
PRODUCT SYNONYMS

NFKB1; Monoclonal Antibody; Anti-NFKB1 Antibody; DKFZp686C01211; DNA binding factor KBF1; EBP 1; KBF1; NF kappa B; NFKB p105; NFKB p50; NFKB1;p105; NFKB1;p105;p50; p105; p50; anti-NFKB1 antibody

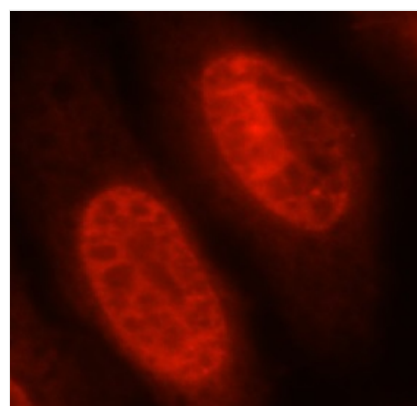
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1G4
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	968
Applicable Applications for anti-NFKB1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
Preparation and Storage	Store at -20 degree C for 24 months. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

MCF7 cells were subjected to SDS PAGE followed by western blot with AAA249062 (NFKB1 antibody) at dilution of 1:1000


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA249062 (NFKB1 antibody) at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-NFKB1 antibody	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.
Product Categories/Family for anti-NFKB1 antibody	Epigenetics; Signal Transduction; Metabolism; Cardiovascular; Immunology; Cancer; Developmental Biology; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	259155302
NCBI GeneID	4790
NCBI Accession #	NP_001158884.1
NCBI GenBank Nucleotide #	NP_001158884.1
UniProt Accession #	P19838
Molecular Weight	Observed MW: 105kDa; 50kDa
NCBI Official Full Name	nuclear factor NF-kappa-B p105 subunit isoform 2 proprotein
NCBI Official Synonym Full Names	nuclear factor kappa B subunit 1
NCBI Official Symbol	NFKB1
NCBI Official Synonym Symbols	KBF1; EBP-1; NF-kB; CVID12; NF-kB1; NFKB-p50; NFkappaB; NF-kappaB; NFKB-p105; NF-kappa-B1; NF-kappabeta
NCBI Protein Information	nuclear factor NF-kappa-B p105 subunit
UniProt Protein Name	Nuclear factor NF-kappa-B p105 subunit
UniProt Gene Name	NFKB1
UniProt Entry Name	NFKB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nfkb1-antibody-clone-1g4-immunofluorescence-western-blot-elisa/249062>