

Mouse anti-Human, Mouse NF-kappaB Monoclonal Antibody | anti-NFKB1 antibody

NF-kappaB p105/p50 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311905	Mouse	Human, Mouse	Immunohistochemistry, Immunocytochemistry, Western Blot

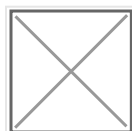
PRODUCT SYNONYMS

NF-kappaB; Monoclonal Antibody; NF-kappaB p105/p50 Antibody; DKFZp686C01211 antibody; DNA binding factor KBF1 antibody; DNA binding factor KBF1 EBP1 antibody; DNA-binding factor KBF1 antibody; EBP 1 antibody; EBP-1 antibody; EBP1 antibody; KBF1 antibody; MGC54151 antibody; NF kappa B antibody; NF kappaB antibody; NF kappabeta antibody; NF kB1 antibody; NFkappaB antibody; NFKB 1 antibody; NFKB p105 antibody; NFKB p50 antibody; Nfkb1 antibody; NFKB1_HUMAN antibody; Nuclear factor kappa B DNA binding subunit antibody; Nuclear factor kappa-B; subunit 1 antibody; Nuclear factor NF kappa B p105 subunit antibody; Nuclear factor NF kappa B p50 subunit antibody; Nuclear factor NF-kappa-B p50 subunit antibody; Nuclear factor of kappa light chain gene enhancer in B cells 1 antibody; Nuclear factor of kappa light polypeptide gene enhancer in B cells 1 antibody; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 antibody; p105 antibody; p50 antibody; p84/NF-kappa-B1 p98 antibody; Transcription factor NFKB1 antibody; anti-NFKB1 antibody

PRODUCT SPECIFICATIONS

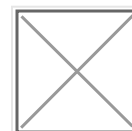
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	A2-7
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NFKB1 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	This antibody is produced by immunizing mice with a synthetic peptide (KLH-coupled) corresponding to NF-kappa-B p105/p50.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



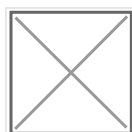
ICC (Immunocytochemistry)

ICC staining NF-kappa-B p105/p50 in HepG2 cells (red). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-NF-kappa-B p105/p50 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of NF-kappa-B p105/p50 on MCF-7 cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-NFKB1 antibody	NF-kappa-B is a pleiotropic transcription factor present in almost all cell types and is the endpoint of a series of signal transduction events that are initiated by a vast array of stimuli related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52 and the heterodimeric p65-p50 complex appears to be most abundant one. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively. NF-kappa-B is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by interactions with other cofactors or corepressors. NF-kappa-B heterodimeric p65-p50 and RelB-p50 complexes are transcriptional activators.
Product Categories/Family for anti-NFKB1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	259155302
NCBI GeneID	4790
NCBI Accession #	NP_001158884.1
NCBI GenBank Nucleotide #	NM_001165412.1
UniProt Accession #	P19838; Q68D84; Q86V43; Q8N4X7; Q9NZC0; A8K5Y5; B3KVE8
Molecular Weight	105,356 Da
NCBI Official Full Name	nuclear factor NF-kappa-B p105 subunit isoform 2
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
NCBI Official Symbol	NFKB1
NCBI Official Synonym Symbols	p50; KBF1; p105; EBP-1; NF-kB1; NFKB-p50; NFkappaB; NF-kappaB; NFKB-p105; NF-kappa-B
NCBI Protein Information	nuclear factor NF-kappa-B p105 subunit; NF-kappabeta; DNA binding factor KBF1; DNA-binding factor KBF1; nuclear factor NF-kappa-B p50 subunit; nuclear factor kappa-B DNA binding 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/nf-kappab-antibody-clone-a2-7-immunohistochemistry-immunocytochemistry-western-blot-elisa/311905>