

Rabbit Anti-NFKB1 Polyclonal Antibody

CPB-933RH Rabbit(NFKB1)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-NFKB1 Polyclonal Antibody
Antigen Description	NFKB1 is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NFKB1 is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKBB1/p50, REL and NFKB2/p52.
specificity	The antibody detects endogenous level of total NFκB1 protein.
Target	NFKB1
Immunogen	Peptide sequence around aa.891~895 (A-S-S-P-V) derived from Human NFKB1.
Host	Rabbit
Species	Human
Cross Reactivity	Human
conjugation	N/A
Applications	WB, IHC

PACKAGING

Format	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C / 1 year

ANTIGEN GENE INFORMATION

Gene Name	NFKB1 nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 [Homo sapiens]
Official Symbol	NFKB1
Synonyms	NFKB1; nuclear factor of kappa light polypeptide gene enhancer in B-cells 1; nuclear factor NF-kappa-B p105 subunit; KBF1; NF kappaB; NF κB1; NFκappaB; NFKB p50; p50; p105; NF-kappa-beta; DNA binding factor KBF1; DNA-binding factor KBF1; nuclear factor NF-kappa-B p50 subunit; nuclear factor kappa-B DNA binding subunit; EBP-1; NF-κB1; NFKB-p50; NF-kappaB; NFKB-p105; NF-kappa-B; MGC54151; DKFZp686C01211;
GeneID	4790
mRNA Refseq	NM_001165412
Protein Refseq	NP_001158884
MIM	164011
UniProt ID	P19838
Chromosome Location	4q24

Pathway	Activated TLR4 signalling, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem;
Function	nucleic acid binding transcription factor activity; protein binding; regulatory region DNA binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding; transcription regulatory region sequence-specific DNA binding;