



## Rat NFKappaB Primer Library

**Catalog No:** RNFKB-1  
**Supplier:** RealTimePrimers  
**Lot No:** XXXXX  
**Supplied as:** solid  
**Stability:** store at -20°C

### Description

Contains 88 primer sets directed against NFKappaB signaling genes and 8 housekeeping genes. Provided in a 96-well microplate (20 ul - 10 uM). Perform up to 100 PCR arrays (based on 20 ul assay volume per reaction). Just add cDNA template and SYBR green master mix.

### Gene List:

- AGT Angiotensinogen
- AKT1 V-akt murine thymoma viral oncogene homolog 1
- ATF1 Activating transcription factor 1
- BCL10 B-cell CLL/lymphoma 10
- BCL2 B-cell CLL/lymphoma 2
- BCL2L1 BCL2-like 1
- BCL3 B-cell CLL/lymphoma 3
- BIRC2 Baculoviral IAP repeat-containing 2
- BIRC5 Effector cell peptidase receptor 1
- CASP1 Caspase 1, apoptosis-related cysteine peptidase
- CASP8 Caspase 8, apoptosis-related cysteine peptidase
- CCL2 Chemokine (C-C motif) ligand 2
- CD40 CD40 molecule, TNF receptor superfamily member 5
- CFLAR CASP8 and FADD-like apoptosis regulator
- CHUK Conserved helix-loop-helix ubiquitous kinase
- CSF1 Colony stimulating factor 1 (macrophage)
- CSF2 Colony stimulating factor 2 (granulocyte-macrophage)
- CSF3 Colony stimulating factor 3 (granulocyte)
- EDARADD EDAR-associated death domain
- EDG2 Data not found
- EGR1 Early growth response 1
- ELK1 ELK1, member of ETS oncogene family
- F2R Coagulation factor II (thrombin) receptor
- FADD Fas (TNFRSF6)-associated via death domain
- FASLG Fas ligand (TNF superfamily, member 6)
- FOS V-fos FBJ murine osteosarcoma viral oncogene
- GJA1 Gap junction protein, alpha 1, 43kDa
- HMOX1 Heme oxygenase (decycling) 1
- HTR2B 5-hydroxytryptamine (serotonin) receptor 2B
- ICAM1 Intercellular adhesion molecule 1 (CD54)
- IFNA1 Interferon, alpha 1
- IFNA2 Interferon, alpha 2
- IFNG Interferon, gamma
- IKBKB Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta
- IKBKE Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon
- IKBKG Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
- IL10 Interleukin 10
- IL12A Interleukin 12A
- IL12B Interleukin 12B
- IL1A Interleukin 1, alpha
- IL1B Interleukin 1, beta
- IL1R1 Interleukin 1 receptor, type I
- IL6 Interleukin 6 (interferon, beta 2)
- IRAK1 Interleukin-1 receptor-associated kinase 1
- IRAK2 Interleukin-1 receptor-associated kinase 2
- JUN Jun oncogene
- LTA Lymphotoxin alpha (TNF superfamily, member 1)
- LTB Lymphotoxin beta (TNF superfamily, member 3)
- LTBR Lymphotoxin beta receptor
- MALT1 Mucosa associated lymphoid tissue lymphoma translocation gene 1
- MAP3K1 Mitogen-activated protein kinase kinase kinase 1
- MMP7 Matrix metalloproteinase 7 (matrilysin, uterine)
- MYD88 Myeloid differentiation primary response gene (88)
- NFKB1 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)
- NFKB2 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)



- NFKBIA Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
- NLRP12 NLR family, pyrin domain containing 12
- NOD1 Nucleotide-binding oligomerization domain containing 1
- PPM1A Protein phosphatase 1A (formerly 2C), alpha isoform
- RAF1 V-raf-1 murine leukemia viral oncogene homolog 1
- REL V-rel reticuloendotheliosis viral oncogene homolog (avian)
- RELA V-rel reticuloendotheliosis viral oncogene homolog A
- RELB V-rel reticuloendotheliosis viral oncogene homolog B
- RHOA Ras homolog gene family, member A
- RIPK1 Receptor (TNFRSF)-interacting serine-threonine kinase 1
- SELL Selectin L
- SELP Selectin P
- STAT1 Signal transducer and activator of transcription 1
- TBK1 TANK binding kinase 1
- TICAM1 Toll-like receptor adaptor molecule 1
- TICAM2 Transmembrane emp24 protein transport domain containing 7
- TLR1 Toll-like receptor 1
- TLR2 Toll-like receptor 2
- TLR3 Toll-like receptor 3
- TLR4 Toll-like receptor 4
- TLR5 Toll-like receptor 5
- TLR6 Toll-like receptor 6
- TLR7 Toll-like receptor 7
- TLR8 Toll-like receptor 8
- TLR9 Toll-like receptor 9
- TMED4 In multiple clusters
- TNF Tumor necrosis factor (TNF superfamily, member 2)
- TNFAIP3 Tumor necrosis factor, alpha-induced protein 3
- TNFRSF10B Tumor necrosis factor receptor superfamily, member 10b
- TNFRSF1A Tumor necrosis factor receptor superfamily, member 1A
- TNFSF10 Tumor necrosis factor (ligand) superfamily, member 10
- TNFSF14 Tumor necrosis factor (ligand) superfamily, member 14
- TRADD TNFRSF1A-associated via death domain
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPD Glyceraldehyde phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK1 Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

#### Usage

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