

# **NFKBIL1 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57442

### **Specification**

# **NFKBIL1 Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession Q9UBC1

Reactivity
Host
Clonality
Calculated MW
Physical State

Rat, Pig, Dog, Bovine
Rabbit
Polyclonal
43 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human NFKBIL1

Epitope Specificity 81-180/381

Isotype
Purity
affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.
SIMILARITY Contains 2 ANK repeats.

DISEASE Defects in NFKBIL1 are a cause of

susceptibility to rheumatoid arthritis (RA)

[MIM:180300]. It is a systemic

inflammatory disease with autoimmune

features and a complex genetic

component. It primarily affects the joints and is characterized by inflammatory changes in the synovial membranes and articular structures, widespread fibrinoid degeneration of the collagen fibers in mesenchymal tissues, and by atrophy and

rarefaction of bony structures.

Important Note This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

### **Background Descriptions**

This gene encodes a divergent member of the I-kappa-B family of proteins. Its function has not been determined. The gene lies within the major histocompatibility complex (MHC) class I region on chromosome 6. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2009]

# **NFKBIL1 Polyclonal Antibody - Additional Information**

**Gene ID 4795** 

**Other Names** 



NF-kappa-B inhibitor-like protein 1, Inhibitor of kappa B-like protein, I-kappa-B-like protein, IkappaBL, Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 1,

# Target/Specificity

NFKBIL1. IKBL

Detected in different cell types including monocytes, T-cells, B-cells and hepatocytes.

#### **Dilution**

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br \> <span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \> <span class
="dilution\_IF">IF~~1:50~200</span><br \> <span class ="dilution\_ICC">ICC~~N/A</span><br \> <span class ="dilution\_E">E~~N/A</span>

### **Storage**

Store at -20  $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4  $^{\circ}$ C.

# **NFKBIL1 Polyclonal Antibody - Protein Information**

#### Name NFKBIL1

Synonyms IKBL

#### **Function**

Involved in the regulation of innate immune response. Acts as negative regulator of Toll-like receptor and interferon-regulatory factor (IRF) signaling pathways. Contributes to the negative regulation of transcriptional activation of NF-kappa-B target genes in response to endogenous proinflammatory stimuli.

### **Cellular Location**

Nucleus. Note=Nuclear localization with a speckled expression pattern in some cells. Colocalizes with CACTIN in the nucleus

#### **Tissue Location**

Detected in different cell types including monocytes, T-cells, B-cells and hepatocytes

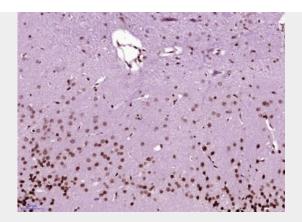
# **NFKBIL1 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### NFKBIL1 Polyclonal Antibody - Images





Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NFKBIL1) Polyclonal Antibody, Unconjugated (bs-19224R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.