10320 Camino Santa Fe, Suite G
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# NFKBIL1 Antibody (C-term)

**Affinity Purified Rabbit Polyclonal Antibody (Pab)**

**Catalog # AP12802b**

## Specification

### NFKBIL1 Antibody (C-term) - Product Information

| | |
|---|---|
| Application | **IF, WB, IHC-P,E** |
| Primary Accession | Q9UBC1 |
| Other Accession | Q9TSV7, O88995, NP_004998.3 |
| Reactivity | **Human** |
| Predicted | **Mouse, Pig** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **43257** |
| Antigen Region | **327-356** |

### NFKBIL1 Antibody (C-term) - 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, NFKBIL1, IKBL

**Target/Specificity**
This NFKBIL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 327-356 amino acids from the C-terminal region of human NFKBIL1.

**Dilution**
IF~~1:10~50
WB~~1:1000
IHC-P~~1:10~50

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
NFKBIL1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### NFKBIL1 Antibody (C-term) - Protein Information

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**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

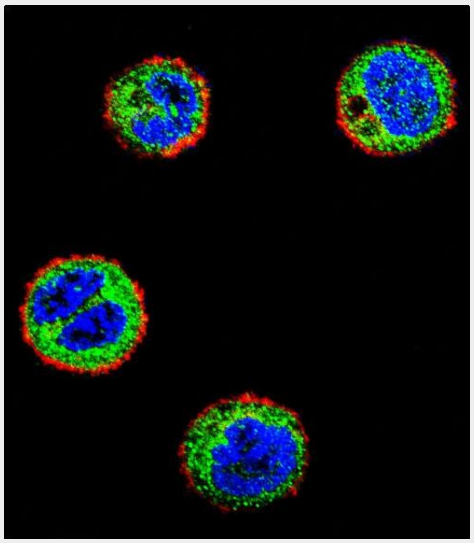
**Tissue Location**
Detected in different cell types including monocytes, T-cells, B-cells and hepatocytes

## NFKBIL1 Antibody (C-term) - 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 Antibody (C-term) - Images



Confocal immunofluorescent analysis of NFKBIL1 Antibody (C-term)(Cat#AP12802b) with MDA-MB435 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green).Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DAPI was used to stain the cell nuclear (blue).

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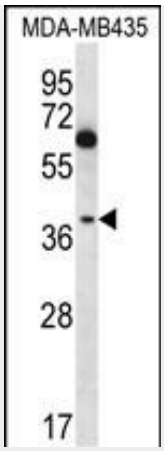
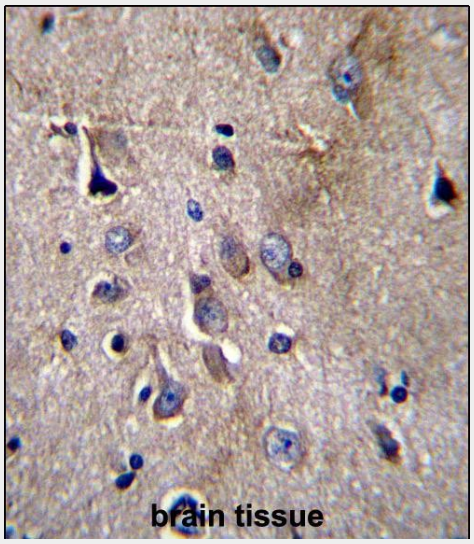



NFKBIL1 Antibody (C-term) (Cat. #AP12802b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the NFKBIL1 antibody detected the NFKBIL1 protein (arrow).




NFKBIL1 Antibody (C-term) (Cat. #AP12802b)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NFKBIL1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**NFKBIL1 Antibody (C-term) - Background**

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].

**NFKBIL1 Antibody (C-term) - References**

Clancy, R.M., et al. Arthritis Rheum. 62(11):3415-3424(2010)
Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Ucisik-Akkaya, E., et al. Mol. Hum. Reprod. 16(10):770-777(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Owecki, M.K., et al. Pol. Merkur. Lekarski 28(167):366-370(2010)