

**AP52866PU-N****Polyclonal Antibody to NFKBIL1 (C-term) - Aff - Purified****Alternate names:**

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

**Quantity:**

0.4 ml

**Concentration:**

lot specific

**Background:**

The NFKBIL1 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.

**Uniprot ID:**

[Q9UBC1](#)

**NCBI:**

[NP\\_001138433](#)

**GeneID:**

[4795](#)

**Host / Isotype:**

Rabbit / Ig

**Immunogen:**

Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 334-364aa) of human NFKBIL1

**Format:**

**State:** Liquid purified Ig fraction

**Purification:** Purified through a Protein A column followed by peptide affinity purification

**Buffer System:** PBS with 0.09% (W/V) Sodium azide

**Applications:**

**Immunofluorescence:** 1/10-1/50.

**Immunohistochemistry on Paraffin sections:** 1/10-1/50.

**Western blot:** 1/100-1/500.

Enzyme immunoassay: 1/1000.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**

This antibody recognizes human NFKBIL1 at C-term..

**Add. Information:**

**Molecular Weight:** 43204 Da

**Storage:**

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

Clancy, R.M. et al., Arthritis Rheum. 62(11): 3415-3424 (2010)

Bailey, S.D. et al., Diabetes Care 33(10): 2250-2253 (2010)

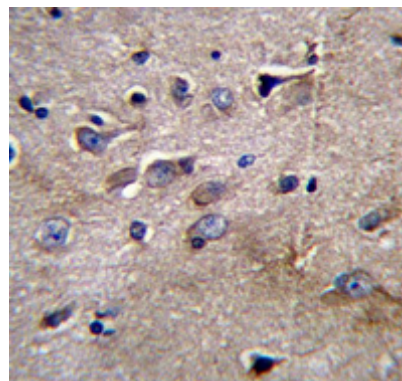
Ucisik-Akkaya, E., et al. Mol. Hum. Reprod. 16(10): 770-777 (2010)

Rose, J.E. et al., Mol. Med. 16 (7-8): 247-253 (2010)

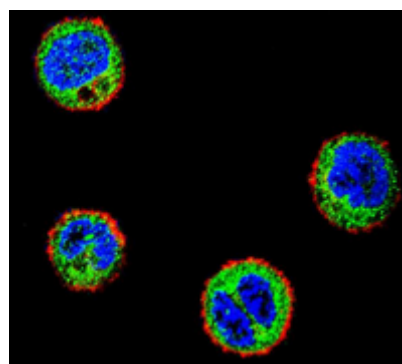
Owecki, M.K. et al., Pol. Merkur. Lekarski 28(167): 366-370 (2010)

**Pictures:**

Immunohistochemistry analysis in human brain tissue (Formalin-fixed, Paraffin-embedded) using NFKBIL1 antibody Cat.-No. AP52866PU-N (C-term), followed by peroxidase conjugated secondary antibody and DAB staining. This data demonstrates the use of this antibody for IHC. Clinical relevance has not been evaluated.



Confocal immunofluorescent analysis of MDA-MB435 cells using NFKBIL1 antibody Cat.-No. AP52866PU-N (C-term), followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



Western blot analysis in MDA-MB435 cell line lysates (35ug/lane) using NFKBIL1 antibody Cat.-No. AP52866PU-N (C-term). This demonstrates this antibody detected the NFKBIL1 protein (arrow).

