

## Product datasheet for **TA343536**

### NFIL3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NFIL3 antibody: synthetic peptide directed towards the N terminal of human NFIL3. Synthetic peptide located within the following region: MQLRKMQTVKKEQASLDASSNVDKMMVLNSALTEVSEDSTTGEDVLLSEG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51 kDa
Gene Name:	nuclear factor, interleukin 3 regulated
Database Link:	<a href="#">NP_005375</a> <a href="#">Entrez Gene 4783 Human</a> <a href="#">Q16649</a>



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**Background:**

NFIL3 is a basic leucine zipper (bZIP) transcription factor that represses or activates transcription in non-osteoblastic cells. NFIL3 play a role in attenuation of PTH target gene transcription in osteoblasts. NFIL3 repression domain interacts specifically with the TBP binding repressor protein Dr1. Glucocorticoid-mediated upregulation of the bZIP transcriptional repressor gene, NFIL3, is dependent on  $[Ca^{2+}]_i$  levels, and correlates with Glucocorticoid-evoked apoptosis of Glucocorticoid-sensitive CEM-C7-14 cells. NFIL3 is involved in a distinct growth factor-regulated signaling pathway that is responsible for the survival of early B-cell progenitors, and whose alteration by E2A-HLF leads to childhood B lineage leukemia.

**Synonyms:**

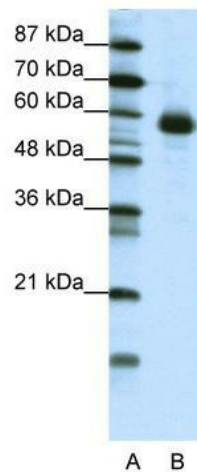
E4BP4; IL3BP1; NF-IL3A; NFIL3A

**Note:**

Immunogen Sequence Homology: Human: 100%; Dog: 86%; Bovine: 86%; Pig: 79%; Sheep: 79%

**Protein Families:**

Transcription Factors

**Product images:**

WB Suggested Anti-NFIL3 Antibody Titration: 1.25 ug/ml; ELISA Titer: 1: 312500; Positive Control: Transfected 293T