

## Rabbit NFIL3 Polyclonal Antibody | anti-NFIL3 antibody

NFIL3 antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                               | APPLICATIONS |
|-----------|--------|--------------------------------------------------------------------------|--------------|
| AAA197137 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish | Western Blot |

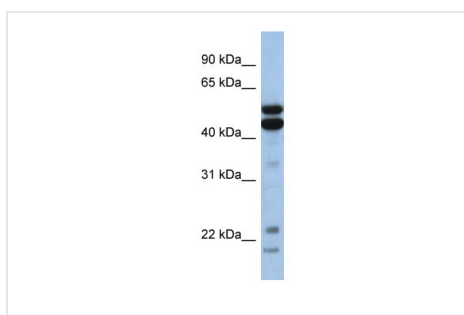
### PRODUCT SYNONYMS

NFIL3; Polyclonal Antibody; NFIL3 antibody - middle region; anti-NFIL3 antibody

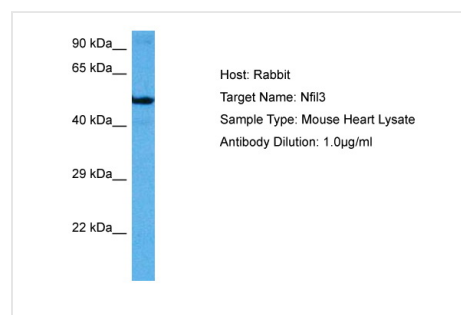
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish                                                                              |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: GY SHSPPLLQVN RSSNSPRTS ETDDGVVGKS SDGEDEQQVP KGPIHSPV                                                   |
| Sequence Length                                 | 462                                                                                                                                                   |
| Applicable Applications for anti-NFIL3 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                        | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%; Zebrafish: 85%                    |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the middle region of human NFIL3                                                                |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-NFIL3 Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:312500  
Positive Control: Human brain


#### WB (Western Blot)

Host: Mouse  
Target Name: NFIL3  
Sample Tissue: Mouse Heart  
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NFIL3 antibody | <p>This is a rabbit polyclonal antibody against NFIL3. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: 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 [Ca2+]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.</p> |
| Product Categories/Family for anti-NFIL3 antibody   | Polyclonal; Transcription Factor; Transcription Regulation; Lymphocyte Signaling; Transcription Regulation; Apoptosis; DNA/RNA/Protein Interactions; Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 52630429                                       |
| NCBI GeneID                      | 4783                                           |
| NCBI Accession #                 | NP_005375                                      |
| NCBI GenBank Nucleotide #        | NM_005384                                      |
| UniProt Accession #              | Q16649                                         |
| Molecular Weight                 | 51kDa                                          |
| NCBI Official Full Name          | nuclear factor interleukin-3-regulated protein |
| NCBI Official Synonym Full Names | nuclear factor, interleukin 3 regulated        |
| NCBI Official Symbol             | NFIL3                                          |
| NCBI Official Synonym Symbols    | E4BP4; IL3BP1; NFIL3A; NF-IL3A                 |
| NCBI Protein Information         | nuclear factor interleukin-3-regulated protein |
| UniProt Protein Name             | Nuclear factor interleukin-3-regulated protein |
| UniProt Gene Name                | NFIL3                                          |
| UniProt Synonym Gene Names       | E4BP4; IL3BP1                                  |
| UniProt Entry Name               | NFIL3_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.