

Rabbit NFIL3 Polyclonal Antibody | anti-NFIL3 antibody

NFIL3 antibody - N-terminal region

CATALOG # AAA198360	HOST Rabbit	REACTIVITY Cow, Dog, Human, Pig, Sheep	APPLICATIONS Immunohistochemistry, Western Blot
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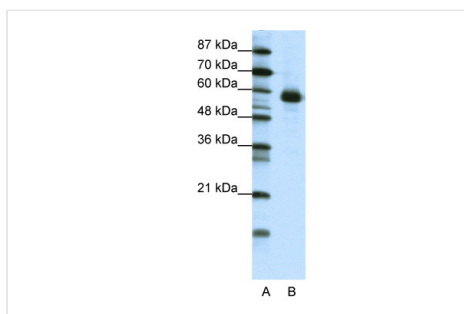
PRODUCT SYNONYMS

NFIL3; Polyclonal Antibody; NFIL3 antibody - N-terminal region; anti-NFIL3 antibody

PRODUCT SPECIFICATIONS

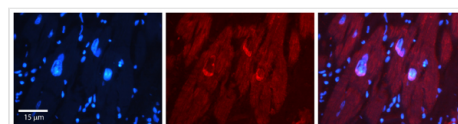
Host	Rabbit
Reactivity	Cow, Dog, Human, Pig, Sheep
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MQ LRKMQTVKKE QASLDASSNV DKMMVLNSAL TEVSEDSTTG EDVLLSEG
Sequence Length	462
Applicable Applications for anti-NFIL3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 86%; Dog: 86%; Human: 100%; Pig: 79%; Sheep: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal 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: 1.25ug/ml
ELISA Titer: 1:31250
Positive Control: Transfected 293T



IHC (Immunohistochemistry)

Rabbit Anti-NFIL3 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Nucleus
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-NFIL3 antibody	This is a rabbit polyclonal antibody against NFIL3. It was validated on Western Blot using a cell lysate as a positive control. 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.
Product Categories/Family for anti-NFIL3 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Lymphocyte Signaling; Transcription Regulation; Immunology; 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 #	Q14211; 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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfil3-antibody-immunohistochemistry-western-blot-elisa/198360>