

Rabbit NFIL3 Polyclonal Antibody | anti-NFIL3 antibody

NFIL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323999	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

NFIL3; Polyclonal Antibody; NFIL3 Antibody; E4 promoter binding protein 4; E4 promoter-binding protein 4; E4BP 4; E4BP4; E4BP4 protein; IL3BP 1; IL3BP1; Interleukin 3 binding protein 1; Interleukin 3 promoter transcriptional activator; Interleukin-3 promoter transcriptional activator; Interleukin-3-binding protein 1; NFIL 3; NFIL 3A; NFIL3_HUMAN; NFIL3A; Nuclear factor interleukin 3 regulated; Nuclear factor interleukin-3-regulated protein; Transcriptional activator NF IL3A; Transcriptional activator NF-IL3A; anti-NFIL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NFIL3 antibody detects endogenous levels of total NFIL3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	462
Applicable Applications for anti-NFIL3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Expressed in bladder stomach, thyroid, spinal cord, lymph node, trachea, adrenal gland, bone marrow and muscle.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog
Similarity	Pig (82%), Bovine (82%), Sheep (82%), Rabbit (91%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293 cells using NFIL3 antibody.



IF (Immunofluorescence)
AAA323999 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NFIL3 antibody	Function: Acts as a transcriptional regulator that recognizes and binds to the sequence 5'-[GA]TTA[CT]GTAA[CT]-3', a sequence present in many cellular and viral promoters. Represses transcription from promoters with activating transcription factor (ATF) sites. Represses promoter activity in osteoblasts (By similarity). Represses transcriptional activity of PER1 (By similarity). Represses transcriptional activity of PER2 via the B-site on the promoter (By similarity). Activates transcription from the interleukin-3 promoter in T-cells. Competes for the same consensus-binding site with PAR DNA-binding factors (DBP, HLF and TEF) (By similarity). Component of the circadian clock that acts as a negative regulator for the circadian expression of PER2 oscillation in the cell-autonomous core clock (By similarity). Protects pro-B cells from programmed cell death (By similarity). Subunit Structure: Homodimer. Binds DNA as a dimer. Interacts with DR1. Interacts with PER2 and CRY2 (By similarity). Similarity: Belongs to the bZIP family. NFIL3 subfamily.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	585291057
NCBI GeneID	4783
NCBI Accession #	NP_001276928.1
NCBI GenBank Nucleotide #	NM_001289999.1
UniProt Accession #	Q16649; Q14211; Q6FGQ8; Q96HS0; B2R9Y8
Molecular Weight	Observed: 51 kD Predicted: 52 kDa
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

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.