

## Immunotag™ NFIL3 Antibody

Antibody Specification	
Catalog No.	ITA4190
Product Description	Immunotag™ NFIL3 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NFIL3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	NFIL3 Antibody detects endogenous levels of total NFIL3
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NFIL3
Accession No.	Q16649
Alternate Names	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; NFIL3_HUMAN; NFIL3A; Nuclear factor interleukin 3 regulated; Nuclear factor interleukin-3-regulated protein; Transcriptional activator NF IL3A; Transcriptional activator NF-IL3A;

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Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	51 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.