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E4BP4 Polyclonal Antibody

Catalog # AP69630

Product Information

Application	WB, IF, ICC, E
Primary Accession	Q16649
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51472

Additional Information

Gene ID	4783
Other Names	NFIL3; E4BP4; IL3BP1; Nuclear factor interleukin-3-regulated protein; E4 promoter-binding protein 4; Interleukin-3 promoter transcriptional activator; Interleukin-3-binding protein 1; Transcriptional activator NF-IL3A
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

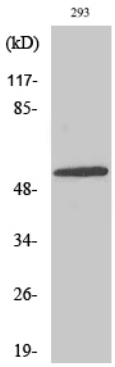
Name	NFIL3
Synonyms	E4BP4, IL3BP1
Function	Acts as a transcriptional regulator that recognizes and binds to the sequence 5'-[GA]TTA[CT]GTAA[CT]-3', a sequence present in many cellular and viral promoters. Represses transcription from promoters with activating transcription factor (ATF) sites. Represses 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). Represses the transcription of CYP2A5 (By similarity). Positively regulates the expression and activity of CES2 by

	antagonizing the repressive action of NR1D1 on CES2 (By similarity). Required for the development of natural killer cell precursors (By similarity).
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00978}.
Tissue Location	Expressed in bladder stomach, thyroid, spinal cord, lymph node, trachea, adrenal gland, bone marrow and muscle

Background

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Images



Western Blot analysis of various cells using E4BP4 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.