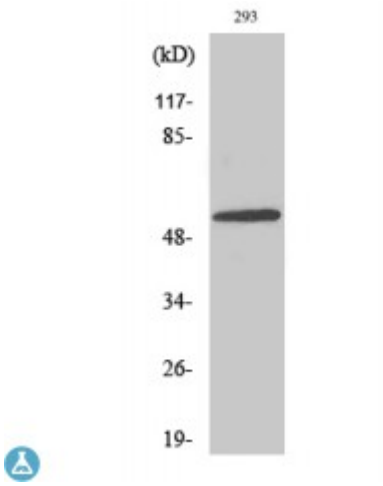
Anti-E4BP4 antibody



Description	Rabbit polyclonal to E4BP4.

Model	STJ92812
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, WB
Immunogen	Synthesized peptide derived from human E4BP4
Immunogen Region	30-110 aa, Internal
Gene ID	4783
Gene Symbol	NFIL3
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:20000
Specificity	E4BP4 Polyclonal Antibody detects endogenous levels of E4BP4 protein.
Tissue Specificity	Expressed in bladder stomach, thyroid, spinal cord, lymph node, trachea, adrenal gland, bone marrow and muscle.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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
Molecular Weight	51 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7787OMIM:605327
Alternative Names	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
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 . Represses transcriptional activity of PER1 . Represses transcriptional activity of PER2 via the B-site on the promoter . 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) . Component of the circadian clock that acts as a negative regulator for the circadian expression of PER2 oscillation in the cell-autonomous core clock . Protects pro-B cells from programmed cell death .
Cellular Localization	Nucleus