



# E4BP4 rabbit pAb

Cat No.:ES2215

For research use only

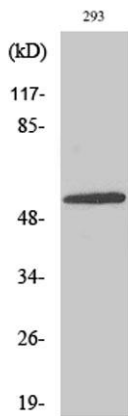
## Overview

<b>Product Name</b>	E4BP4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NFIL3. AA range:61-110
<b>Specificity</b>	E4BP4 Polyclonal Antibody detects endogenous levels of E4BP4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Nuclear factor interleukin-3-regulated protein
<b>Gene Name</b>	NFIL3
<b>Cellular localization</b>	Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	51kD
<b>Human Gene ID</b>	4783
<b>Human Swiss-Prot Number</b>	Q16649
<b>Alternative Names</b>	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
<b>Background</b>	The protein encoded by this gene is a transcriptional regulator that binds as a homodimer to activating

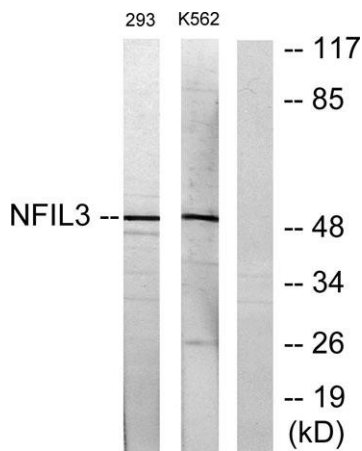




transcription factor (ATF) sites in many cellular and viral promoters. The encoded protein represses PER1 and PER2 expression and therefore plays a role in the regulation of circadian rhythm. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2014],



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).



Western blot analysis of lysates from 293 and K562 cells, using NFIL3 Antibody. The lane on the right is blocked with the synthesized peptide.

