ELK Biotechnology

C/EBP α (phospho Thr230) rabbit pAb

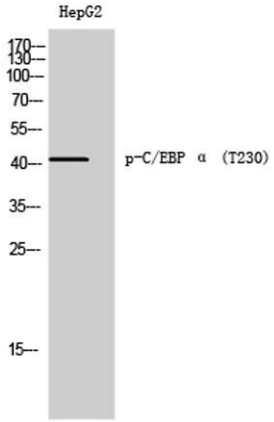
Cat No.:ES4488

For research use only

Overview

Product Name	C/EBP α (phospho Thr230) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human C/EBP α (phospho Thr230)
Specificity	Phospho-C/EBP α (T230) Polyclonal Antibody detects endogenous levels of C/EBP α protein only when phosphorylated at T230.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	CCAAT/enhancer-binding protein alpha
Gene Name	CEBPA
Cellular localization	Nucleus .; [Isoform 4]: Nucleus, nucleolus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	42,also have 30kd isform
Human Gene ID	1050
Human Swiss-Prot Number	P49715
Alternative Names	CEBPA; CCAAT/enhancer-binding protein alpha; C/EBP alpha
Background	This intronless gene encodes a transcription factor that contains a basic leucine zipper (bZIP) domain and recognizes the CCAAT motif in the promoters of target genes. The encoded protein functions in homodimers and also heterodimers with

CCAAT/enhancer-binding proteins beta and gamma. Activity of this protein can modulate the expression of genes involved in cell cycle regulation as well as in body weight homeostasis. Mutation of this gene is associated with acute myeloid leukemia. The use of alternative in-frame non-AUG (GUG) and AUG start codons results in protein isoforms with different lengths. Differential translation initiation is mediated by an out-of-frame, upstream open reading frame which is located between the GUG and the first AUG start codons. [provided by RefSeq, Dec 2013],



Western Blot analysis of HepG2 cells using Phospho-C/EBP α (T230) Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com
23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C