

CABP0525

Product Information

Product SKU:	CABP0525	Gene ID:	1386	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	68kDa	Conjugate:	Unconjugated
Calculated MW:	55kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions This protein binds to the cAMP-responsive element (CRE), an octameric palindrome. It forms a homodimer or a heterodimer with c-Jun and stimulates CRE-dependent transcription. This protein is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 in vitro; thus it may represent a class of sequence-specific factors that activate transcription by direct effects on chromatin components. The encoded protein may also be involved in cell's DNA damage response independent of its role in transcriptional regulation. Several alternatively spliced transcript variants have been found for this gene
Recommended Dilution:	WB,1:500 - 1:2000 IHC-P,1:50 - 1:200
Synonyms:	HB16; CREB2; TREB7; CREB-2; CRE-BP1; Phospho-ATF2-T69/T71
Purification Method:	Affinity purification
Immunogen:	A synthetic phosphorylated peptide around T69 & T71 of human ATF2 (NP_001871.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.