

ATF2 Rabbit pAb

db7901

Package : 20μL 50μL 100μL

Product Name : ATF2 Rabbit pAb**Cat.No.:** db7901**Synonyms** : HB16; CREB2; TREB7; CREB-2; CRE-BP1**Application** : WB, IHC, ICC/IF, IP**Reactivity** : Human**Host species** : Rabbit**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 [provided by RefSeq, Jan 2014]

Immunogen

A synthetic peptide of human ATF2

Gene ID

1386

Swiss Prot

P15336

Synonyms

HB16; CREB2; TREB7; CREB-2; CRE-BP1

Reactivity

Human

Application

WB, IHC, ICC/IF, IP

Recommended dilution

WB: 1:2000

IHC: 1:20

ICC/IF: 1:50

IP: 1:20

Calculated MW

55 kDa

Observed MW

70 kDa

Host species

Rabbit

| | |
|--------------------------|---|
| Clonality | Polyclonal |
| Isotype | IgG |
| Purity | Affinity Purification |
| Conjugation | Un-conjugated |
| Storage Stability | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |