

Recombinant

DGRmAb®

Phospho-ATF2 (Thr71) (DGR13508) Rabbit mAb (PBS Only)

db11934-PBS

Package : 100µg

Product Name : Phospho-ATF2 (Thr71) (DGR13508) Rabbit mAb (PBS Only)**Cat.No.:** db11934-PBS**Synonyms** : HB16; CREB2; TREB7; CREB-2; CRE-BP1**Application** : WB, ICC/IF, IP**Reactivity** : Human,Mouse**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 phosphopeptide corresponding to residues surrounding Thr71 of human ATF2

Gene ID

1386

Swiss Prot

P15336

Synonyms

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

Reactivity

Human,Mouse

Application

WB, ICC/IF, IP

Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:200-1:500

IP: 1:20-1:50

Calculated MW

55 kDa

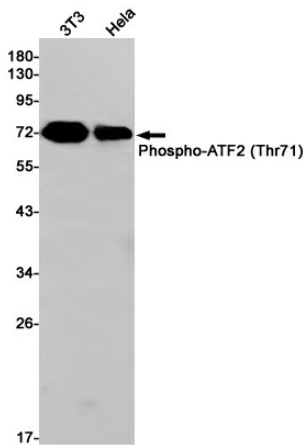
Observed MW

70 kDa

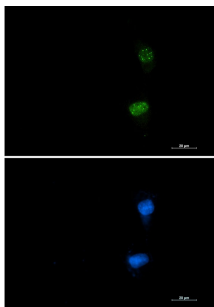
Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR13508
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Phospho-ATF2 (Thr71) in 3T3,HeLa cell lysates using [db11934](#)(1:1000 diluted).



Immunofluorescent analysis of U87-MG cells using [db11934](#)