Recombinant DGRmAb®

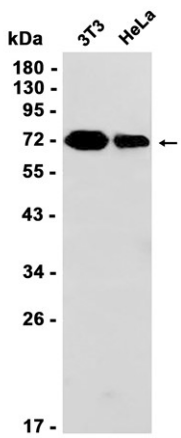
Phospho-ATF2 (Thr71) (DGR13508) Rabbit mAb (PBS Only)

db11934-PBS **Package : 10μg 100μg**

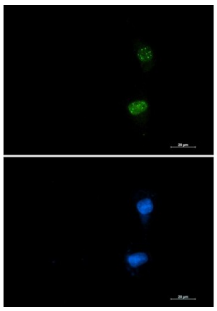
Product Name : Phospho-ATF2 (Thr71) (DGR13508) Rabbit mAb (PBS Only)
Cat.No.: db11934-PBS
Synonyms : HB16; CREB2; TREB7; CREB-2; CRE-BP1
Application : WB, ICC/IF, IP
Reactivity : Human,Mouse
Host species : Rabbit

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
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 analysis of extracts from 3T3, HeLa cells using db11934 at 1:1000.



Immunofluorescent analysis of U87-MG cells using db11934 antibody (green), and DAPI (blue).