Recombinant DGRmAb®

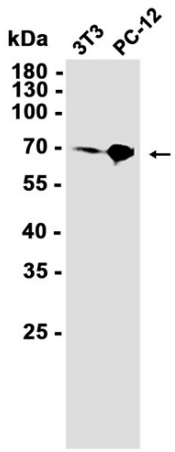
ATF2 (DGR21041) Rabbit mAb

db13059 **Package : 10μL 20μL 50μL 100μL**

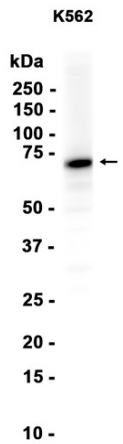
Product Name : ATF2 (DGR21041) Rabbit mAb
Cat.No.: db13059
Synonyms : HB16; CREB2; TREB7; CREB-2; CRE-BP1
Application : WB, IHC-P, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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	Recombinant protein of human ATF2
Gene ID	1386
Swiss Prot	P16951
Synonyms	HB16; CREB2; TREB7; CREB-2; CRE-BP1
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, FC, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:100-1:200 FC: 1:20-1:50 IP: 1:20-1:50
Calculated MW	55 kDa
Observed MW	70 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR21041
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.



Western blot analysis of extracts from 3T3, PC-12 cells using db13059 at 1:1000.



Western blot analysis of extracts from K562 cells using db13059 at 1:1000.