

For Research Use Only

ATF2 Polyclonal antibody

Catalog Number: 51089-1-AP



Basic Information

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| Catalog Number: 51089-1-AP | GenBank Accession Number: BC026175 | Purification Method: Antigen affinity purification |
| Size: 150ul, Concentration: 233 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 1386 | |
| Source: Rabbit | Full Name: activating transcription factor 2 | |
| Isotype: IgG | Calculated MW: 209 aa, 23 kDa | |

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse

Background Information

ATF2, also named as CREB2 and CREBP1, contains one bZIP domain and one C2H2-type zinc finger. It belongs to the bZIP family. ATF2 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. It 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. ATF2 binds DNA as a dimer and can form a homodimer in the absence of DNA. It binds through its N-terminal region to UTF1 which acts as a coactivator of ATF2 transcriptional activity. This antibody can recognize all the isoforms of human ATF2.

Storage

Storage:
Store at -20°C.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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