

Mouse anti-Human, Mouse ATF-2 Monoclonal Antibody | anti-ATF-2 antibody

ATF-2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319957	Mouse	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

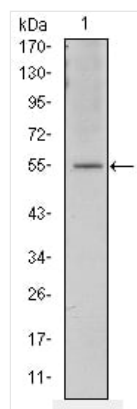
PRODUCT SYNONYMS

ATF-2; Monoclonal Antibody; ATF-2 Monoclonal Antibody; Cyclic AMP-dependent transcription factor ATF-2; ATF2; CREB2; CREBP1; cAMP-dependent transcription factor ATF-2; Activating transcription factor 2; Cyclic AMP-responsive element-binding protein 2; CREB-2; cAMP-responsive element-binding pro; anti-ATF-2 antibody

PRODUCT SPECIFICATIONS

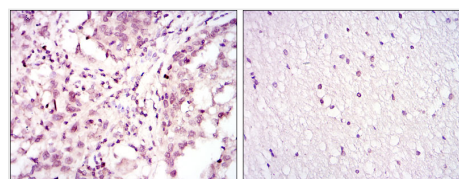
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	ATF-2 Monoclonal Antibody detects endogenous levels of ATF-2 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-ATF-2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human ATF-2 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



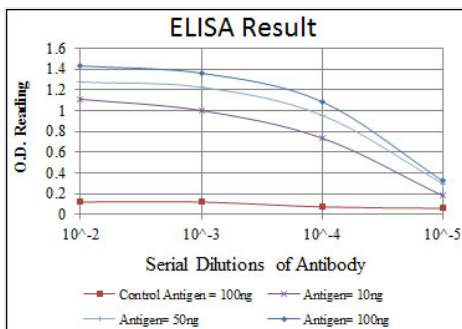
ELISA

Mouse Monoclonal analysis via ELISA



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded lung cancer (left) and brain tissues (right) with DAB staining using ATF-2 Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using ATF-2 Monoclonal Antibody against NIH/3T3 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ATF-2 antibody

activating transcription factor 2(ATF2) Homo sapiens 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]

Product Categories/Family for anti-ATF-2 antibody

[Primary Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	368711269
NCBI GeneID	1386
NCBI Accession #	NP_001243019.1
NCBI GenBank Nucleotide #	NM_001256090.1
UniProt Accession #	P15336; Q13000; Q4ZFU9; Q53RY2; Q8TAR1; A1L3Z2; D3DPE9
Molecular Weight	54,537 Da
NCBI Official Full Name	cyclic AMP-dependent transcription factor ATF-2 isoform 1
NCBI Official Synonym Full Names	activating transcription factor 2
NCBI Official Symbol	ATF2
NCBI Official Synonym Symbols	HB16; CREB2; TREB7; CRE-BP1
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-2; CREB-2; cAMP-dependent transcription factor ATF-2; cAMP-responsive element-binding protein 2; cAMP response element-binding protein CRE-BP1; cyclic AMP-responsive element-binding protein 2; cAMP responsive
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-2
UniProt Gene Name	ATF2
UniProt Synonym Gene Names	CREB2; CREBP1; cAMP-dependent transcription factor ATF-2; CREB-2
UniProt Entry Name	ATF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

