

Rabbit ATF2 Polyclonal Antibody | anti-ATF2 antibody

ATF2 (Phospho-Thr69 or 51)

CATALOG # AAA47812	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunohistochemistry, Immunoblot, Western Blot
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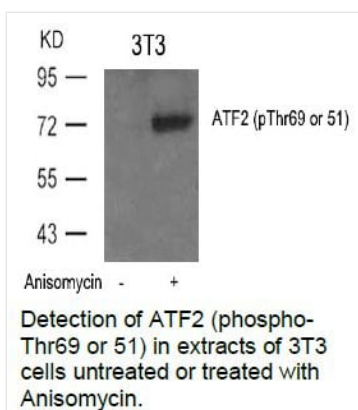
PRODUCT SYNONYMS

ATF2; Polyclonal Antibody; ATF2 (Phospho-Thr69 or 51); anti-ATF2 antibody

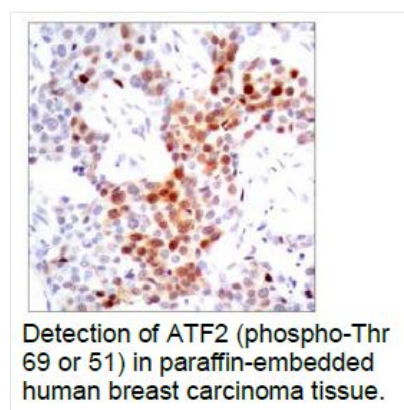
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody detects endogenous human, mouse, and rat ATF2 only when phosphorylated at threonine 69 or 51.
Form/Format	100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide.
Sequence Length	505
Applicable Applications for anti-ATF2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), IB (Immunoblot)
Antigen	Peptide sequence that includes phosphorylation sites of threonine 69 or 51(D-Q-T(p)- P-T) derived from human ATF2 and conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term use.

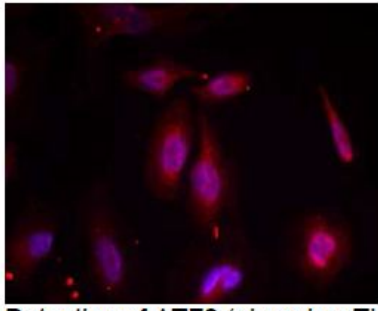
IMAGES



Application Data



IHC (Immunohistochemistry)



Detection of ATF2 (phosphor-Thr 69 or 51) in methanol-fixed HeLa cells.

IF (Immunofluorescence)

ADDITIONAL INFORMATION

Related Product Information for anti-ATF2 antibody

ATF2 is a transcription factor that is a member of the leucine zipper family of DNA binding protein that can perform multiple functions. It can bind to the cAMP-responsive element (CRE), and it can form a homodimer or a heterodimer with c-Jun and stimulate CRE-dependent transcription. ATF2 is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 in vitro. ATF2 may also be involved in a cell's DNA damage response independent of its role in transcriptional regulation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22538422
NCBI GeneID	1386
NCBI Accession #	NP_001871.2
NCBI GenBank Nucleotide #	NM_001880.3
UniProt Accession #	P15336; Q13000; Q3B7B7; Q4ZFU9; Q53RY2; Q8TAR1; A1L3Z2; A4D7U4; A4D7U5; A4D7V1; D3DPE9; G8JLM5
Molecular Weight	15,409 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; CREB-2; CRE-BP1
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-2
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; cAMP-responsive element-binding protein 2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atf2-antibody-immunofluorescence-immunohistochemistry-immunoblot-elisa/47812>