

Rabbit ATF2 Polyclonal Antibody | anti-ATF2 antibody

ATF2 antibody

CATALOG # AAA224874	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
-------------------------------	-----------------------	---

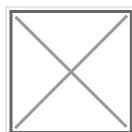
PRODUCT SYNONYMS

ATF2; Polyclonal Antibody; ATF2 antibody; Rabbit polyclonal ATF2 antibody; Polyclonal ATF2 antibody; Anti-ATF2 antibody; ATF 2 antibody; ATF-2; Activating Transcription Factor 2 antibody; Phospho Ser62/44 antibody; ATF-2 antibody; Ab 62/44 antibody; ATF 2; anti-ATF2 antibody

PRODUCT SPECIFICATIONS

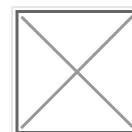
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	447
Applicable Applications for anti-ATF2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	ATF2 antibody was raised in Rabbit using the peptide sequence around aa serine 60–64 or 42–46 (N-D-S-V-I) derived from Human ATF2 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



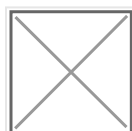
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2 antibody (left) or the same antibody preincubated with blocking peptide (right)



WB (Western Blot)

Western Blot analysis of extracts from 293 and 3T3 cells using ATF2 antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using ATF2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ATF2 antibody	ATF2 is a transcriptional activator, probably constitutive, which binds to the cAMP-responsive element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Interaction with JUN redirects JUN to bind to CRES preferentially over the 12-O-tetradecanoylphorbol-13-acetate response elements (TRES) as part of an ATF2/JUN complex.
Product Categories/Family for anti-ATF2 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	78070398
NCBI GeneID	1386
Molecular Weight	15,409 Da
NCBI Official Full Name	ATF2 protein
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.