

Rabbit ATF2 Polyclonal Antibody | anti-ATF2 antibody

ATF2 antibody

CATALOG # AAA224766	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
-------------------------------	-----------------------	---

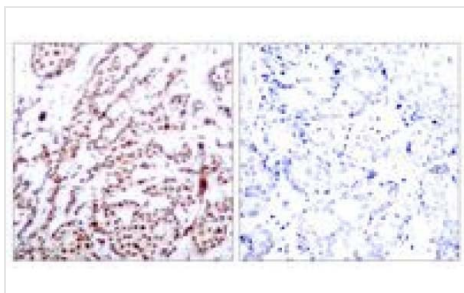
PRODUCT SYNONYMS

ATF2; Polyclonal Antibody; ATF2 antibody; Rabbit polyclonal ATF2 antibody; Polyclonal ATF2 antibody; Anti-ATF2 antibody; ATF 2; ATF 2 antibody; ATF-2 antibody; ATF-2; Activating Transcription Factor 2 antibody; Phospho Thr73/55 antibody; anti-ATF2 antibody

PRODUCT SPECIFICATIONS

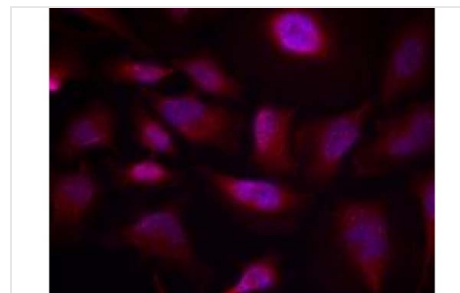
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	447
Applicable Applications for anti-ATF2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	ATF2 antibody was raised in Rabbit using the peptide sequence around phosphorylation site of threonine 73 or 55 (T-P-T(p)-R-F) 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 (Phospho-Thr73 or 55) antibody (left) or the same antibody preincubated with blocking peptide (right)



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using ATF2 (Phospho-Thr73 or 55) 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/atf2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/224766>