

ATF-2 Antibody | anti-ATF-2 antibody

ATF-2 (Phospho-Thr71 or 53) Antibody

CATALOG # AAA267681	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, ELISA, Immunohistochemistry, Western Blot
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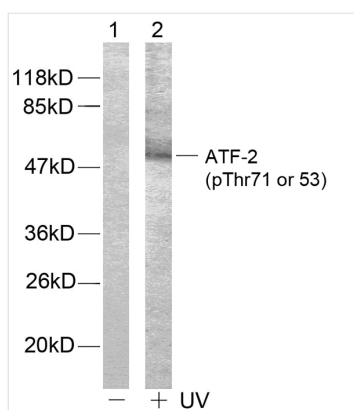
PRODUCT SYNONYMS

ATF-2; ATF-2 (Phospho-Thr71 or 53) Antibody; anti-ATF-2 antibody

PRODUCT SPECIFICATIONS

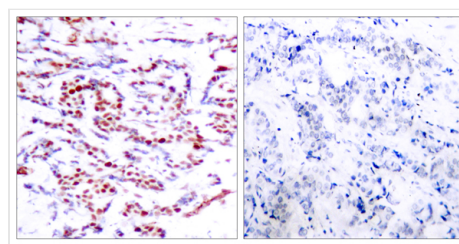
Reactivity	Human, Mouse, Rat
Specificity	ATF-2 (Phospho-Thr71 or 53) Antibody detects endogenous levels of ATF-2 only when phosphorylated at Threonine 71 or 53.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	505
Applicable Applications for anti-ATF-2 antibody	IP (Immunoprecipitation), ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ATF-2 around the phosphorylation site of Threonine 71 or 53.
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts, using ATF-2 (Phospho-Thr71 or 53) Antibody. Line1: The extracts from HeLa cells untreated; Line2: The extracts from HeLa cells treated with UV.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded breast carcinoma. Left: Using ATF-2 (Phospho-Thr71 or 53) Antibody; Line2: The same antibody preincubated with synthesized phosphopeptide.

ADDITIONAL INFORMATION

References	Sevilla A, et al. (2004) J Biol Chem. 279(26):27458-27465. Waetzig G H, et al. (2002) J Immunol. 168(10): 5342-5351. Abdel-Hafiz H A, et al. (1992) Mol Endocrinol. 6: 2079-2089. Gupta S, et al. (1995) Science. 267: 389-393. Van Dam H, et al. (1995) EMBO J. 14(8): 1798-1811.
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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; 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/human-mouse-rat-antibody/atf-2/267681>