

## Rabbit ATF2 Polyclonal Antibody | anti-ATF2 antibody

ATF2 (Phospho-Thr71 or 53)

|                              |                       |                                                                       |
|------------------------------|-----------------------|-----------------------------------------------------------------------|
| CATALOG #<br><b>AAA47813</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Immunohistochemistry, Immunoblot, Western Blot</b> |
|------------------------------|-----------------------|-----------------------------------------------------------------------|

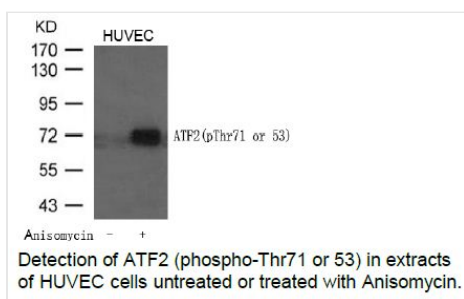
### PRODUCT SYNONYMS

ATF2; Polyclonal Antibody; ATF2 (Phospho-Thr71 or 53); anti-ATF2 antibody

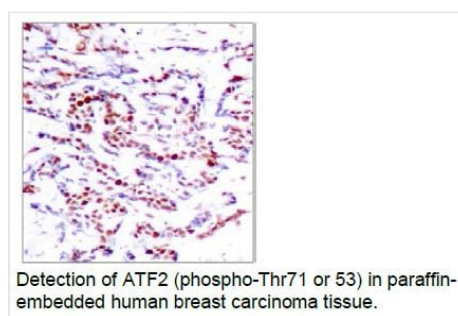
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                            |
| Specificity                                    | This antibody detects endogenous human, mouse, and rat ATF2 only when phosphorylated at threonine 71 or 53.                                                                                                                                           |
| 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 | IHC (Immunohistochemistry), IB (Immunoblot)                                                                                                                                                                                                           |
| Antigen                                        | Peptide sequence that includes phosphorylation sites of threonine 71 or 53 (T-P-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)

### 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                | <b>ATF2</b>                                                                                                 |
| 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-immunohistochemistry-immunoblot-elisa/47813>