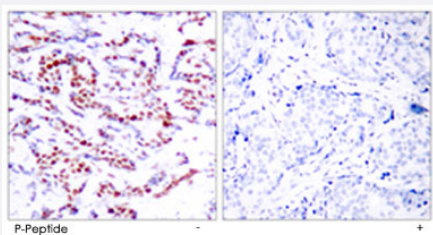


# ATF2 (phospho S94/S112) polyclonal antibody

Catalog # PAB25254      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2 (phospho S94/S112) polyclonal antibody (Cat # PAB25254).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic phosphopeptide of ATF2.
<b>Immunogen</b>	Synthetic phosphopeptide corresponding to residues surrounding S112/S94 of human ATF2.
<b>Sequence</b>	D-L-Sp-P-L
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Affinity chromatography
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (without $Mg^{2+}$ and $Ca^{2+}$ ), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at $-20^{\circ}C$ . Aliquot to avoid repeated freezing and thawing.

## Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2 (phospho S94/S112) polyclonal antibody (Cat # PAB25254).

## Gene Info — ATF2

Entrez GeneID [1386](#)

Protein Accession# [P15336](#)

Gene Name ATF2

Gene Alias CRE-BP1, CREB2, HB16, MGC111558, TREB7

Gene Description activating transcription factor 2

Omim ID [123811](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-responsive element (CRE), an octameric palindrome. The protein forms a homodimer or heterodimer with c-Jun and stimulates CRE-dependent transcription. The protein is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 in vitro; thus it may represent a class of sequence-specific factors that activate transcription by direct effects on chromatin components. Additional transcript variants have been identified but their biological validity has not been determined. [provided by RefSeq]

**Other Designations** OTTHUMP00000163262|activating transcription factor 2 splice variant ATF2-var2|cAMP responsive element binding protein 2, formerly

## Pathway

- [MAPK signaling pathway](#)

## Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)