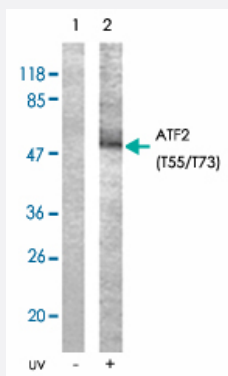


ATF2 (phospho T53/T71) polyclonal antibody

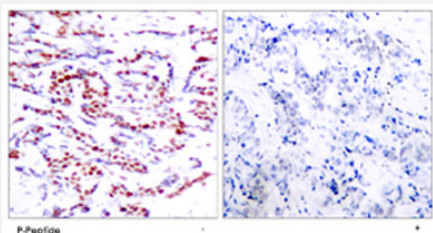
Catalog # PAB25252 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from HeLa cells using ATF2 (phospho T53/T71) polyclonal antibody (Cat # PAB25252).



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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2 (phospho T53/T71) polyclonal antibody (Cat # PAB25252).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of ATF2.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding T71/T53 of human ATF2.
Sequence	T-P-Tp-P-T
Host	Rabbit
Theoretical MW (kDa)	65-75
Reactivity	Human, Mouse, Rat

Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°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

- Western Blot (Cell lysate)

Western blot analysis of extracts from HeLa cells using ATF2 (phospho T53/T71) polyclonal antibody (Cat # PAB25252).

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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2 (phospho T53/T71) polyclonal antibody (Cat # PAB25252).

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](#)