

Rabbit Phospho-ATF2-T69/71 Polyclonal Antibody | anti-ATF2-T69/71 antibody

Phospho-ATF2-T69/71 Rabbit pAb

CATALOG # AAA282121	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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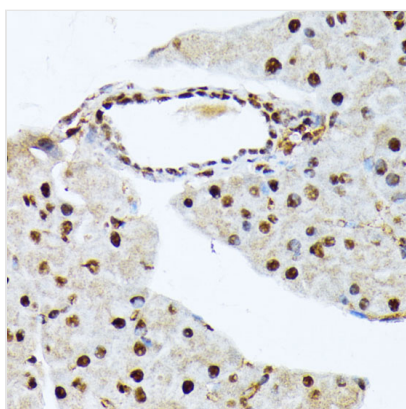
PRODUCT SYNONYMS

Phospho-ATF2-T69/71; Polyclonal Antibody; Phospho-ATF2-T69/71 Rabbit pAb; CRE-BP1; CREB-2; CREB2; HB16; TREB7; ATF2; anti-ATF2-T69/71 antibody

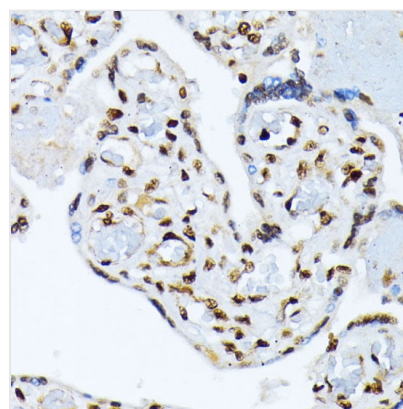
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-ATF2-T69/71 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding T69/71 of human ATF2.
Cellular Location	Cytoplasm, Mitochondrion outer membrane, Nucleus
Positive Samples	293T
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

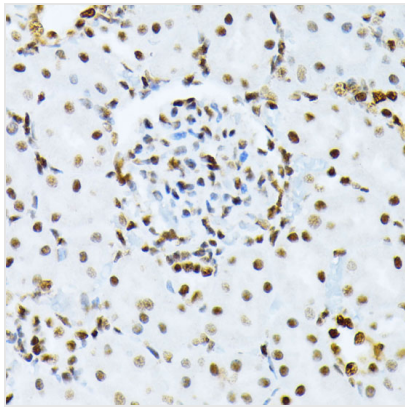
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse pancreas using Phospho-ATF2-T69/71 antibody at dilution of 1:100 (40x lens).

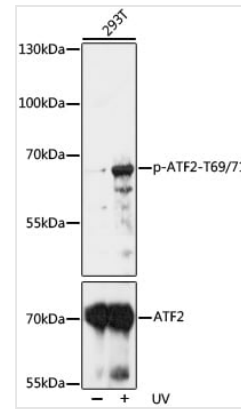

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using Phospho-ATF2-T69/71 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using Phospho-ATF2-T69/71 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of NIH/3T3 cells, using phospho-STK4-T387 pAb at 1:1000 dilution or ATF2 antibody (A2155). 293T cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-ATF2-T69/71 antibody	Background: This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions This protein binds to the cAMP-responsive element (CRE), an octameric palindrome. It forms a homodimer or a heterodimer with c-Jun and stimulates CRE-dependent transcription. This 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. The encoded protein may also be involved in cell's DNA damage response independent of its role in transcriptional regulation. Several alternatively spliced transcript variants have been found for this gene [provided by RefSeq, Jan 2014]
Product Categories/Family for anti-ATF2-T69/71 antibody	Epigenetics & Nuclear Signaling ; Transcription Factors ; Research ; Protein phosphorylation ; Research ; Signal Transduction ; MAPK-JNK Signaling Pathway ; Research ; Signal Transduction ; MAPK-P38 Signaling Pathway ; Research ; Immunology & Inflammation ; B Cell Re

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; Q4ZFU9; Q53RY2; Q8TAR1; A1L3Z2; D3DPE9
Molecular Weight	54,537 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; CRE-BP1
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-2; CREB-2; cAMP-dependent transcription factor ATF-2; cAMP-responsive element-binding protein 2; cAMP response element-binding protein CRE-BP1; cyclic AMP-responsive element-binding protein 2; cAMP responsive
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
UniProt Entry Name	ATF2_HUMAN

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/phospho-atf2-t69-71-antibody-immunohistochemistry-western-blot-elisa/282121>