

ATF-7 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP00704

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human ATF7. AA range:41-90

Mol wt 52967

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name ATF-7 Antibody

Synonyms ATF7; ATFA; Cyclic AMP-dependent transcription factor ATF-7; cAMP-dependent transcription factor

ATF-7; Activating transcription factor 7; Transcription factor ATF-A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

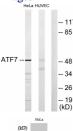
Eukaryotic gene transcription is regulated by sequence-specific transcription factors that bind modular cis acting promoter and enhancer elements. The ATF/CREB transcription factor family binds the palindromic cAMP response element (CRE) octanucleotide TGACGTCA. The best characterized members of this gene family include CREB-1, CREB-2 (also designated ATF-4), CRE-BPa, LZIP (also designated CREB3 and Luman), CREM-1, CREM-2, ATF-1, ATF-2, ATF-3, ATF-5, ATF-6 and ATF-7. This family of proteins contain highly divergent N-terminal domains, but share a C-terminal leucine zipper for dimerization and DNA binding. ATF-5 (ATFx), which can localize to the cytoplasm or the nucleus, binds DNA as a dimer. It interacts with CCND3 and PTP4A1.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HeLa and HUVEC cells, using ATF7 Antibody. The lane on the right is blocked with the synthesized peptide.

Western Blot analysis of various cells using ATF-7 Polyclonal Antibody

Storage

-20°C for one year

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