

ATF1 Antibody
Rabbit mAb
Catalog # AP90860

Specification

ATF1 Antibody - Product Information

Application	WB, ICC, IP
Primary Accession	P18846
Clonality	Monoclonal
Other Names	
Cyclic AMP-dependent transcription factor ATF-1; cAMP-dependent transcription factor ATF-1; Activating transcription factor 1 Protein TREB36; ATF1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	29233 Da

ATF1 Antibody - Additional Information

Dilution	WB~~1:1000 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ATF1
Description	This protein binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Binds to the Tax-responsive element (TRE) of HTLV-I. Mediates PKA-induced stimulation of CRE-reporter genes.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

ATF1 Antibody - Protein Information

Name ATF1

Function

This protein binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Binds to the Tax-responsive element (TRE) of HTLV-I. Mediates PKA-induced stimulation of CRE-reporter genes. Represses the expression of FTH1 and other antioxidant detoxification genes. Triggers cell proliferation and transformation.

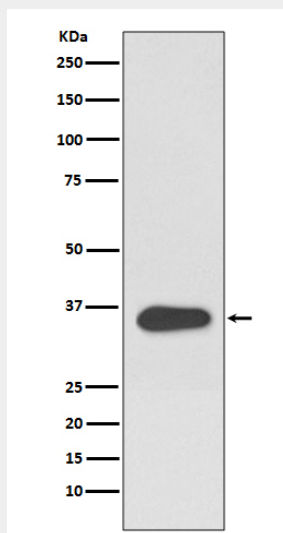
Cellular Location

Nucleus.

ATF1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ATF1 Antibody - Images

Western blot analysis of ATF1 expression in HeLa cell lysate.