

ATF1 Antibody (clone 3E7)
Mouse Monoclonal Antibody
Catalog # ALS14022**Specification**

ATF1 Antibody (clone 3E7) - Product Information

Application	WB, IHC
Primary Accession	P18846
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	29kDa KDa

ATF1 Antibody (clone 3E7) - Additional Information**Gene ID** 466**Other Names**

Cyclic AMP-dependent transcription factor ATF-1, cAMP-dependent transcription factor ATF-1, Activating transcription factor 1, Protein TREB36, ATF1

Target/Specificity

Human ATF1

Reconstitution & Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

ATF1 Antibody (clone 3E7) is for research use only and not for use in diagnostic or therapeutic procedures.

ATF1 Antibody (clone 3E7) - 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

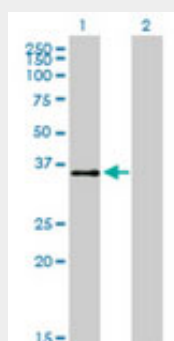
Nucleus.

ATF1 Antibody (clone 3E7) - Protocols

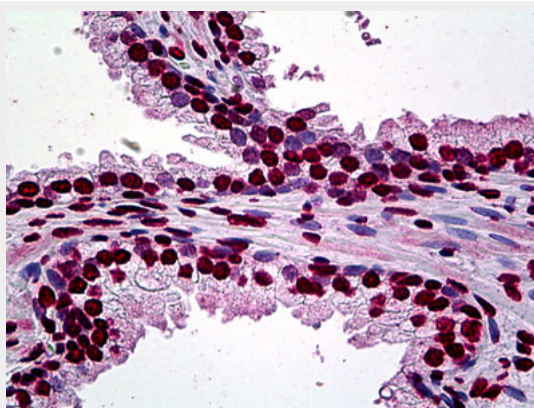
Provided below are standard protocols that you may find useful for product applications.

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

ATF1 Antibody (clone 3E7) - Images



Western blot of ATF1 expression in transfected 293T cell line by ATF1 monoclonal antibody (M03),...



Anti-ATF1 antibody IHC of human prostate.

ATF1 Antibody (clone 3E7) - Background

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ATF1 Antibody (clone 3E7) - References

Yoshimura T., et al. EMBO J. 9:2537-2542(1990).
Reh fuss R.P., et al. J. Biol. Chem. 266:18431-18434(1991).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Scherer S.E., et al. Nature 440:346-351(2006).
Hai T., et al. Genes Dev. 3:2083-2090(1989).

