

ATF1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11431**Specification**

ATF1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P18846
Other Accession	NM_005171 , NP_005162
Reactivity	Human, Mouse, Rat, Rabbit, Sheep, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rat, Rabbit, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 29kDa KDa

ATF1 antibody - N-terminal region - Additional Information**Gene ID 466**Alias Symbol **TREB36, EWS-ATF1, FUS/ATF-1****Other Names**

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-ATF1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

ATF1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ATF1 antibody - N-terminal region - 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

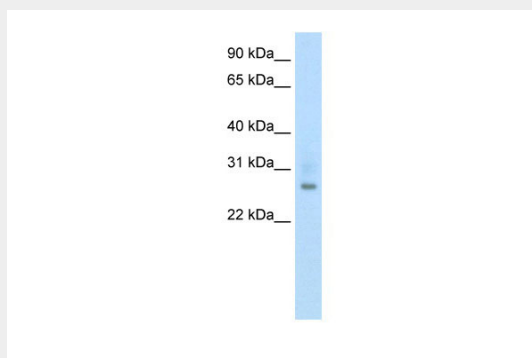
Nucleus.

ATF1 antibody - N-terminal region - 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 - N-terminal region - Images



WB Suggested Anti-ATF1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Human Thymus

ATF1 antibody - N-terminal region - References

Somers, G.R., et al., (2005) Am. J. Surg. Pathol. 29 (12), 1673-1679
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.