

Goat Anti-ATF1 Antibody (N Terminus)
Purified Goat Polyclonal Antibody
Catalog # AF4316a**Specification**

Goat Anti-ATF1 Antibody (N Terminus) - Product Information

Application	WB, E
Primary Accession	P18846
Other Accession	NP_005162.1 , 466
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	29233

Goat Anti-ATF1 Antibody (N Terminus) - Additional Information**Gene ID** 466**Other Names**

ATF1; activating transcription factor 1; EWS-ATF1; FUS/ATF-1; TREB36; cAMP-dependent transcription factor ATF-1; cyclic AMP-dependent transcription factor ATF-1

Dilution

WB~~1:1000

E~~N/A

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

Peptide with sequence EDSHKSTTSETAPQ-C, from the N Terminus of the protein sequence according to NP_005162.1.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-ATF1 Antibody (N Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-ATF1 Antibody (N Terminus) - 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.

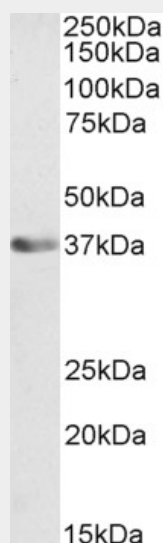
Cellular Location

Nucleus.

Goat Anti-ATF1 Antibody (N Terminus) - 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](#)

Goat Anti-ATF1 Antibody (N Terminus) - Images

AF4316a (0.1 µg/ml) staining of A431 nuclear cell lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-ATF1 Antibody (N Terminus) - References

Huang GL, Guo HQ, Yang F, Liu OF, Li BB, Liu XY, Lu Y, He ZW.