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ATF1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10014

Product Information

Application	WB
Primary Accession	P18846
Other Accession	P18846, NP_005162, NM_005171
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29233

Additional Information

Gene ID	466
Alias Symbol	EWS-ATF1, FUS/ATF-1, TREB36
Other Names	Cyclic AMP-dependent transcription factor ATF-1, cAMP-dependent transcription factor ATF-1, Activating transcription factor 1, Protein TREB36, ATF1
Target/Specificity	ATF1 binds the cAMP response element (CRE) (consensus: 5'-GTGACGT [AC] [AG]-3'), a sequence present in many viral and cellular promoters. ATF1 binds to the Tax-responsive element (TRE) of HTLV-I. ATF1 mediates PKA-induced stimulation of CRE-reporter genes.
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul, l 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.

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

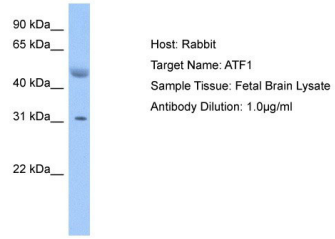
FTH1 and other antioxidant detoxification genes. Triggers cell proliferation and transformation.

Cellular Location Nucleus.

Background

This is a rabbit polyclonal antibody against ATF1. It was validated on Western Blot by Abgent. At Abgent we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).

Images



ATF1 Antibody - N-terminal region (AI10014) in Human Fetal Brain cells using Western Blot
Host: Rabbit
Target Name: ATF1
Sample Tissue: Fetal Brain lysates
Antibody Dilution: 1.0 µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.