
ATF-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251171

Unit: 0.1 mg

Description:

Activating transcription factor 1 (ATF-1) is a protein that binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. ATF-1 binds to the Tax-responsive element (TRE) of HTLV-I. ATF-1 mediates PKA-induced stimulation of CRE-reporter genes. Defects in ATF-1 are linked to angiomatoid fibrous histiocytoma (AFH). AFH is a distinct variant of malignant fibrous histiocytoma that typically occurs in children and adolescents and is manifest by nodular subcutaneous growth.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R, Ck, D, P, B

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: ATF-1; Activating Transcription Factor-1; ATF1; Cyclic AMP-dependent transcription factor ATF-1; cAMP-dependent transcription factor ATF-1; Activating transcription factor 1; Protein TREB36

Accession No.: P18846

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ATF-1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.