
ATF2 (Ser490/498) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody

Cat. No.: 252524

Unit: 0.1 ml

Description:

Activating transcription factor 2 (ATF2) is a transcriptional activator, probably constitutive, which binds to the cAMP-responsive element (CRE) consensus sequence: 5'-GTGACGT[AC][AG]-3', a sequence present in many viral and cellular promoters. ATF2 binds DNA as a dimer and can form a homodimer in the absence of DNA. ATF2 can form a heterodimer with JUN, and interacts with SMAD3 and SMAD4. Stress induced ATF-dependent transcription is dependent on phosphorylation of ATF.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: R, H

Format: Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: ATF-2; Activating Transcription Factor 2; ATF2; Cyclic AMP-dependent transcription factor ATF-2; cAMP-dependent transcription factor ATF-2; Activating transcription factor 2; cAMP response element-binding protein CRE-BP1; HB16; Cyclic AMP-responsive element-binding protein 2; cAMP-responsive element-binding protein 2; CREB-2; CREB2; CREBP1

Accession No.: P15336

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser490/498 of rat ATF2.

Application Notes: E: 1:1,000; WB: 1:1,000; IHC: 1:1,000

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.