



## ATF1 (Phospho-Ser63) Antibody

E11-0411A

**Catalog Number:** E11-0411A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P18846

**Other Names:** Activating transcription factor 1; ATF1; Cyclic-AMP-dependent transcription factor ATF-1; TCR-ATF1; TREB36 protein

**All Sites:** Human: Ser63; Mouse: Ser63

**Storage/Stability:** Store at -20 °C/1 year

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human ATF1 around the phosphorylation site of serine 63 (R-P-S<sup>P</sup>-Y-R).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

**Specificity:** ATF1 (Phospho-Ser63) antibody detects endogenous levels of ATF1 only when phosphorylated at serine 63.

**Reactivity:** Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%)

**Applications:** WB: 1:500~1:1000    ELISA: 1:5000

### References:

Yoshimura T., EMBO J. 9:2537-2542(1990).

Rehfuss R.P., J. Biol. Chem. 266:18431-18434(1991).

Hai T., Genes Dev. 3:2083-2090(1989).

