





Phospho-ATF1 (Ser63) Antibody

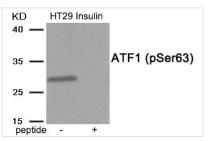
| Product Code CSB-PA107926 Storage Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Uniprot No. P18846 Immunogen Peptide sequence around phosphorylation site of serine 63(R-P-S(p)-Y-R) derived from Human ATF1. Raised In Rabbit Species Reactivity Human, Mouse Specificity The antibody detects endogenous level of ATF1 only when phosphorylated at serine 63. Tested Applications ELISA,WB;WB:1:500-1:1000 Relevance 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 (TRD) of HTLV-1. Mediates PKA-induced stimulation of CRE-reporter genes. Represses the expression of FTH1 and other antioxidant detoxification genes. Triggers cell proliferation and transformation. Mackenzie KF, et al. (2013) J Immunol 190, 565-77 Dickinson RJ, et al. (2011) J Biol Chem 286, 38018-26 Wang J, Zhou JY, Wu GS (2011) J Biol Chem 286, 22384-92 Form Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCI, 0.02% sodium azide and 50% glycerol. Purification Method Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using epitope-specific phosp | | |
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| Image | Target Names | ATF1 |
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CUSABIO TECHNOLOGY LLC







Western blot analysis of extracts from HT29 cells treated with Insulin using Phospho-ATF1 (Ser63) antibody. The lane on the right is treated with the antigen-specific peptide.

Product Modify

Phospho-Ser63