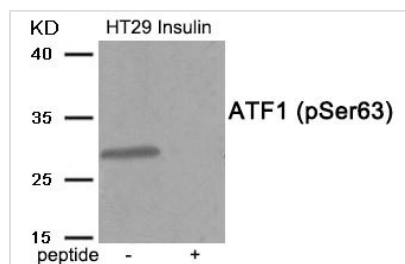




Phospho-ATF1 (Ser63) Antibody

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 (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. 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 Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 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 chromatography
Clonality	Polyclonal
Alias	ATF1; Activating transcription factor 1; Cyclic-AMP-dependent transcription factor ATF-1; TCR-ATF1; TREB36 protein
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	ATF1
Image	



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