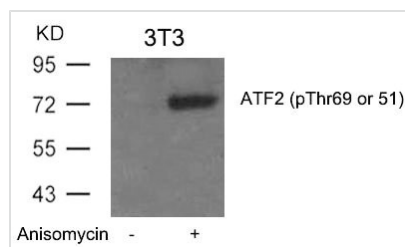




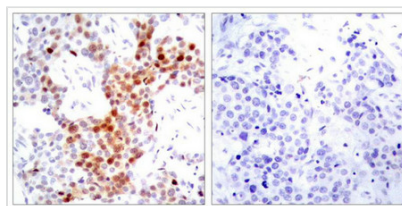
Phospho-ATF2 (Thr69 or 51) Antibody

Product Code	CSB-PA644730
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P15336
Immunogen	Peptide sequence around phosphorylation site of threonine 69 or 51 (D-Q-T(p)-P-T) derived from Human ATF2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of ATF-2 only when phosphorylated at threonine 69 or 51.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:100,IF:1:100-1:200
Relevance	Transcriptional activator, probably constitutive, which binds to the cAMP-responsive element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Interaction with JUN redirects JUN to bind to CRES preferentially over the 12-O-tetradecanoylphorbol-13-acetate response elements (TRES) as part of an ATF2-c-Jun complex. Sevilla A, et al. (2004) J Biol Chem. 279(26):27458-27465. Alsayed Y, et al. (2001) J Biol Chem. 276(6): 4012-4019. Abdel-Hafiz H A, et al. (1992) Mol Endocrinol. 6: 2079-2089. Gupta S, et al. (1995) Science. 267: 389-393.
Form	Supplied at 1.0mg/mL 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 usi
Clonality	Polyclonal
Alias	CREB2; CREBP1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	ATF2

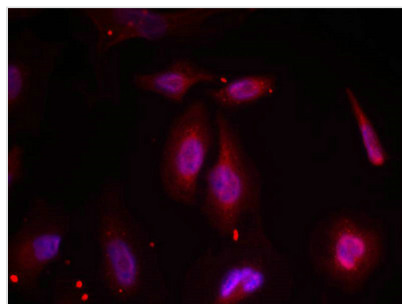
Image



Western blot analysis of extracts from 3T3 cells untreated or treated with Anisomycin using ATF2(Phospho-Thr69 or 51) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2(Phospho-Thr69 or 51) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using ATF2(Phospho-Thr69 or 51) Antibody.

Product Modify

Phospho-Thr69 or 51