

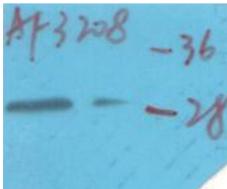
Phospho-ATF1 (Ser63) Ab

Cat.#: AF3208
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 29kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-ATF1 (Ser63) Ab detects endogenous levels of ATF1 only when phosphorylated at Serine 63.
Immunogen:	A synthesized peptide derived from human ATF1 around the phosphorylation site of Serine 63.
Uniprot:	P18846
Description:	ATF-1 a transcription factor that is a member of the leucine zipper family. Forms a homodimer or heterodimer with c-Jun and stimulates CRE-dependent transcription. Binds the Tax-responsive element (TRE) of HTLV-I. Activated downstream of IL-1. c-Src and TRAF6 are mediators of IL-1-induced AP-1 activation.
Subcellular Location:	Nucleus.
Similarity:	Belongs to the bZIP family. ATF subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of Phospho-ATF1 (Ser63) Ab expression in Insulin treated HT29 cells lysates. The lane on the right was treated with the antigen-specific peptide.



AF3208 staining HT29 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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