

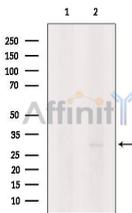
## ATF1 Ab

Cat.#: AF6208  
Size: 100ul,200ul

Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 29kDa  
Clonality: Polyclonal

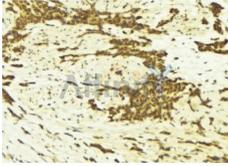
Application:	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	ATF1 Ab detects endogenous levels of total ATF1.
Immunogen:	A synthesized peptide derived from human ATF1.
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.



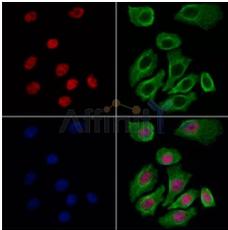
Western blot analysis of extracts from Myeloma cells, using ATF1 Ab. The lane on the left was treated with blocking peptide.



Western blot analysis of ATF1 expression in COLO205 whole cell lysates, The lane on the left was treated with the antigen-specific peptide.



AF6208 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF6208 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AF6208 1:200) and mouse anti-beta tubulin Ab (T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab (Green) were used as the secondary Ab.



AF6208 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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