

Phospho-ATF2 (Ser112/94) Ab

Cat.#: AF3177
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 52kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000 IHC 1:50-1:200 IP, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-ATF2 (Ser112 or 94) Ab detects endogenous levels of ATF2 only when phosphorylated at Serine 112 or 94.
Immunogen:	A synthesized peptide derived from human ATF2 around the phosphorylation site of Serine 112 or 94.
Uniprot:	P15336
Description:	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-responsive element (CRE), an octameric palindrome. The protein forms a homodimer or heterodimer with c-Jun and stimulates CRE-dependent transcription. The protein is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 in vitro;
Subcellular Location:	Nucleus.
Tissue Specificity:	Ubiquitously expressed, with more abundant expression in the brain.
Similarity:	The nuclear export signal 1 (N-NES) negatively regulates its nuclear localization and transcriptional activity.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.

