

## Phospho-ATF2 (Thr71) Antibody

Cat. No.:	HY-P80793
Synonyms:	Phospho-ATF2 (Thr71) Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 55 kDa, targeting to Phospho-ATF2 (Thr71). It can be used for WB, ICC/IF, IP assays with tag free, in the background of Human, Mouse.
Host:	Rabbit
Reactivity:	Human, Mouse
Conjugation:	Non-conjugated
SwissProt ID:	P15336
Research Field:	Epigenetics and Nuclear Signaling
Molecular Weight:	Predicted band size: 55 kDa

### PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IF	1:50-1:200
	IP	1:20
Shipping	Shipping with blue ice.	

### DESCRIPTION

Background	<p>ATF2: This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. This protein binds to the cAMP-responsive element (CRE), an octameric palindrome. It forms a homodimer or a heterodimer with c-Jun and stimulates CRE-dependent transcription. This protein is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 in vitro; thus it may represent a class of sequence-specific factors that activate transcription by direct effects on chromatin components. The encoded protein may also be involved in cell's DNA damage response independent of its role in transcriptional regulation. Several alternatively spliced transcript variants have been found for this gene [provided by RefSeq, Jan 2014]</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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