

# Anti-ATF6 Antibody (aa1-273, clone 70B1413.1)

Mouse Anti Human Monoclonal Antibody  
Catalog # ALS17598

## Product Information

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<b>Application</b>	WB, IHC-P, ICC, CHIP
<b>Primary Accession</b>	<a href="#">P18850</a>
<b>Predicted</b>	Human, Mouse, Rat, Hamster
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1,k
<b>Clone Names</b>	70B1413.1
<b>Calculated MW</b>	74585
<b>Concentration (mg/ml)</b>	1 mg/ml

## Additional Information

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<b>Gene ID</b>	22926
<b>Alias Symbol</b>	ATF6
<b>Other Names</b>	ATF6, ATF6-alpha, ATF6A
<b>Target/Specificity</b>	A partial protein containing amino acids 1-273 of human ATF6.
<b>Reconstitution &amp; Storage</b>	Protein G purified
<b>Precautions</b>	Anti-ATF6 Antibody (aa1-273, clone 70B1413.1) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	ATF6
<b>Function</b>	[Cyclic AMP-dependent transcription factor ATF-6 alpha]: Precursor of the transcription factor form (Processed cyclic AMP- dependent transcription factor ATF-6 alpha), which is embedded in the endoplasmic reticulum membrane (PubMed: <a href="#">10564271</a> , PubMed: <a href="#">11158310</a> , PubMed: <a href="#">11779464</a> ). Endoplasmic reticulum stress promotes processing of this form, releasing the transcription factor form that translocates into the nucleus, where it activates transcription of genes involved in the unfolded protein response (UPR) (PubMed: <a href="#">10564271</a> , PubMed: <a href="#">11158310</a> , PubMed: <a href="#">11779464</a> ).
<b>Cellular Location</b>	Endoplasmic reticulum membrane; Single-pass type II membrane protein. Golgi apparatus membrane; Single-pass type II membrane protein. Note=Translocates from the endoplasmic reticulum to the Golgi, where it is processed.

**Tissue Location**

Ubiquitous..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.