

Anti-ATF6 Antibody (aa1-273, clone 70B1413.1)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17598**Specification**

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

Application	WB, IHC-P, ICC, CHIP
Primary Accession	P18850
Predicted	Human, Mouse, Rat, Hamster
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Calculated MW	74585
Dilution	WB~~1:1000 IHC-P~~N/A ICC~~N/A CHIP~~N/A

Anti-ATF6 Antibody (aa1-273, clone 70B1413.1) - Additional Information**Gene ID** 22926

Alias Symbol	ATF6
Other Names	
ATF6, ATF6-alpha, ATF6A	

Target/Specificity

A partial protein containing amino acids 1-273 of human ATF6.

Reconstitution & Storage

Protein G purified

Precautions

Anti-ATF6 Antibody (aa1-273, clone 70B1413.1) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ATF6 Antibody (aa1-273, clone 70B1413.1) - Protein Information**Name** ATF6**Function**

[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="http://www.uniprot.org/citations/10564271" target="_blank">10564271](http://www.uniprot.org/citations/10564271)>, PubMed:<[a href="http://www.uniprot.org/citations/11158310" target="_blank">11158310](http://www.uniprot.org/citations/11158310)>, PubMed:<[a href="http://www.uniprot.org/citations/11779464" target="_blank">11779464](http://www.uniprot.org/citations/11779464)>). 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:10564271, PubMed:11158310, PubMed:11779464).

Cellular Location

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..

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

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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