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

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17598

Product Information

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

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.

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:10564271, PubMed:11158310, PubMed: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..

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