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Goat anti-ATF6 Antibody

Peptide-affinity purified goat antibody
Catalog # AF4546a

Product Information

Application	IF, FC, Pep-ELISA
Primary Accession	P18850
Other Accession	NP_031374.2
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Clone Names	ATF6
Calculated MW	74585

Additional Information

Gene ID	22926
Other Names	Activating transcription factor 6 alpha; Activating transcription factor 6; ATF 6; ATF6 alpha; ATF6; ATF6-alpha; ATF6A; cAMP dependent transcription factor ATF 6 alpha; cAMP-dependent transcription factor ATF-6 alpha; Cyclic AMP dependent transcription fa
Dilution	IF~~1:50~200 FC~~1:10~50 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-ATF6 Antibody 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'.