

**Goat anti-ATF6 Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF4546a****Specification**

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**Goat anti-ATF6 Antibody - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | <b>IF, FC, Pep-ELISA</b>    |
| Primary Accession | <a href="#">P18850</a>      |
| Other Accession   | <a href="#">NP_031374.2</a> |
| Reactivity        | <b>Human</b>                |
| Host              | <b>Goat</b>                 |
| Clonality         | <b>Polyclonal</b>           |
| Calculated MW     | <b>74585</b>                |

**Goat anti-ATF6 Antibody - 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.

**Goat anti-ATF6 Antibody - 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</a>, PubMed:<a href="http://www.uniprot.org/citations/11158310" target="\_blank">11158310</a>, PubMed:<a href="http://www.uniprot.org/citations/11779464" target="\_blank">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="http://www.uniprot.org/citations/10564271" target="\_blank">10564271</a>, PubMed:<a href="http://www.uniprot.org/citations/11158310" target="\_blank">11158310</a>, PubMed:<a href="http://www.uniprot.org/citations/11779464" target="\_blank">11779464</a>).

#### **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..

### **Goat anti-ATF6 Antibody - 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](#)

### **Goat anti-ATF6 Antibody - Images**