

**ATF6 Antibody (Center) Blocking Peptide**

Synthetic peptide  
Catalog # BP8681c

**Specification**

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**ATF6 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [P18850](#)

**ATF6 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 22926

**Other Names**

Cyclic AMP-dependent transcription factor ATF-6 alpha, cAMP-dependent transcription factor ATF-6 alpha, Activating transcription factor 6 alpha, ATF6-alpha, Processed cyclic AMP-dependent transcription factor ATF-6 alpha, ATF6

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8681c](/products/AP8681c) was selected from the Center region of human ATF6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ATF6 Antibody (Center) Blocking Peptide - 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](http://www.uniprot.org/citations/10564271), PubMed: [11158310](http://www.uniprot.org/citations/11158310), PubMed: [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](http://www.uniprot.org/citations/10564271), PubMed: [11158310](http://www.uniprot.org/citations/11158310), PubMed: [11779464](http://www.uniprot.org/citations/11779464)).

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..

**ATF6 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ATF6 Antibody (Center) Blocking Peptide - Images****ATF6 Antibody (Center) Blocking Peptide - Background**

ATF6 is an endoplasmic reticulum (ER) stress-regulated transmembrane transcription factor that activates the transcription of ER molecules.

**ATF6 Antibody (Center) Blocking Peptide - References**

Zhu,C., et.al., Mol. Cell. Biol. 17 (9), 4957-4966 (1997)Haze,K., et.al., Mol. Biol. Cell 10 (11), 3787-3799 (1999)