# ATF-7 Antibody – Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | ATF-7, Polyclonal Antibody |
| **Full Product Name** | ATF-7 Polyclonal Antibody |
| **Product Gene Name** | anti-ATF-7 antibody |
| **Clonality** | Polyclonal |
| **Molecular Weight** | 51,757 Da |
| **OMIM** | 606371 |
| **3D Structure** | ModBase 3D Structure for P17544 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for anti-ATF-7 antibody** | MBS8521371 is an antibody targeting ATF-7. Also known as ATF-7 Polyclonal Antibody. |
| **Other Notes** | Small volumes of anti-ATF-7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ATF-7. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 194239643 |
| **NCBI GeneID** | 11016 |
| **NCBI Accession #** | NP_001123532.1 |
| **UniProt Primary Accession #** | P17544 |
| **UniProt Secondary Accession #** | Q13814; Q8IVR8; Q9UD83; A5D6Y4; B2RMP1; B4DQL4 |
| **UniProt Related Accession #** | P17544 |
| **GenBank Nucleotide #** | NM_001130060.1 |
| **NCBI Official Full Name** | cyclic AMP-dependent transcription factor ATF-7 isoform 3 |
| **NCBI Official Synonym Full Names** | activating transcription factor 7 |
| **NCBI Official Symbol** | ATF7 |
| **NCBI Official Synonym Symbols** | ATFA |
| **UniProt Protein Name** | Cyclic AMP-dependent transcription factor ATF-7 |
| **UniProt Synonym Protein Names** | Activating transcription factor 7; Transcription factor ATF-A |
| **Protein Family** | Cyclic AMP-dependent transcription factor |
| **UniProt Gene Name** | ATF7 |
| **UniProt Synonym Gene Names** | ATFA; cAMP-dependent transcription factor ATF-7 |
| **NCBI Protein Information** | cyclic AMP-dependent transcription factor ATF-7 |

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| **UniProt Comments for ATF-7** | Plays important functions in early cell signaling. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AG][AG]-3'), a sequence present in many viral and cellular promoters. Activator of the NF-ELAM1/delta-A site of the E-selectin promoter. Has no intrinsic transcriptional activity, but activates transcription on formation of JUN or FOS heterodimers. Also can bind TRE promoter sequences when heterodimerized with members of the JUN family. |
| **Research Articles on ATF-7** | **1.** knockdown of the mammalian homologs of PDK1 and ATF7 in HEK293 cells resulted in changes in metallothionein expression, suggesting that this pathway was evolutionarily conserved |
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