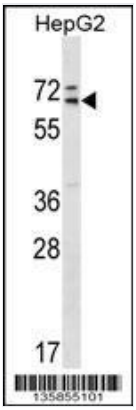
# MED26 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | MED26, Polyclonal Antibody |
| **Full Product Name** | MED26, ID (MED26, ARC70, CRSP7, Mediator of RNA polymerase II transcription subunit 26, Activator-recruited cofactor 70kD component, Cofactor required for Sp1 transcriptional activation subunit 7, Mediator complex subunit 26, Transcriptional coactivator C |
| **Product Gene Name** | anti-MED26 antibody |
| **Product Synonym Names** | MED26; ARC70; CRSP7; Mediator of RNA polymerase II transcription subunit 26; Activator-recruited cofactor 70kD component; Cofactor required for Sp1 transcriptional activation subunit 7; Mediator complex subunit 26; Transcriptional coactivator CRSP70 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP). |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Preparation and Storage** | Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 65,446 Da |
| **Chromosome Location** | Chromosome: 19; NC_000019.9 (16685718..16739015, complement). Location: 19p13.11 |
| **OMIM** | 605043 |
| **3D Structure** | ModBase 3D Structure for O95402 |
| **Immunogen** | MED26 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 190-220 amino acids from the Central region of human MED26. |
| **Conjugate** | AP |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-MED26 antibody** | Antibodies; Enzymes; Polymerase |
| **Applications Tested/Suitable for anti-MED26 antibody** | Western Blot (WB), ELISA (EIA) |
| **Application Notes for anti-MED26 antibody** | WB: 1:100-500<br>ELISA: 1:1,000<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-MED26 antibody** | The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. |

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| **Product References and Citations for anti-MED26 antibody** | Ding, N., et al. J. Biol. Chem. 284(5):2648-2656(2009). Olsen, J.V., et al. Cell 127(3):635-648(2006). Olsen, J.V., et al. Cell 127(3):635-648(2006). Zhang, X., et al. Mol. Cell 19(1):89-100(2005). Sato, S., et al. Mol. Cell 14(5):685-691(2004). |
| **Other Notes** | Small volumes of anti-MED26 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. |
| **Searchable Terms for MED26 purchase** | MBS6320012 is an antibody targeting MED26. Also known as MED26, ID (MED26, ARC70, CRSP7, Mediator of RNA polymerase II transcription subunit 26, Activator-recruited cofactor 70kD component, Cofactor required for Sp1 transcriptional activation subunit 7, Mediator complex subunit 26, Transcriptional coactivator C. Reactive in Human. Host: Rabbit. |




**Western Blot (WB) of anti-MED26 antibody**
MED26 Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the MED26 antibody detected the MED26 protein (arrow).

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MED26. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 28558977 |
| **NCBI GeneID** | 9441 |
| **NCBI Accession #** | NP_004822.2 |
| **UniProt Primary Accession #** | O95402 |
| **UniProt Secondary Accession #** | Q0VGB6; A1A4S3 |
| **GenBank Nucleotide #** | NM_004831.3 |
| **NCBI Official Full Name** | mediator of RNA polymerase II transcription subunit 26 |
| **NCBI Official Synonym Full Names** | mediator complex subunit 26 |
| **NCBI Official Symbol** | MED26 |
| **NCBI Official Synonym Symbols** | CRSP7; CRSP70 |
| **UniProt Protein Name** | Mediator of RNA polymerase II transcription subunit 26 |
| **UniProt Synonym Protein Names** | Activator-recruited cofactor 70 kDa component; ARC70; Cofactor required for Sp1 transcriptional activation subunit 7; CRSP complex subunit 7; Mediator complex subunit 26; Transcriptional coactivator CRSP70 |
| **Protein Family** | Mediator of RNA polymerase II transcription |
| **UniProt Gene Name** | MED26 |
| **UniProt Synonym Gene Names** | ARC70; CRSP7; ARC70 |
| **UniProt Entry Name** | MED26_HUMAN |

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| **UniProt Comments for MED26** | MED26: Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. Belongs to the Mediator complex subunit 26 family. 2 isoforms of the human protein are produced by alternative splicing.<br><br>Protein type: Transcription, coactivator/corepressor<br><br>Chromosomal Location of Human Ortholog: 19p13.11<br><br>Cellular Component: nucleoplasm; Srb-mediator complex<br><br>Molecular Function: protein binding; DNA binding; transcription coactivator activity<br><br>Biological Process: regulation of transcription from RNA polymerase II promoter; transcription initiation from RNA polymerase II promoter; gene expression |
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