MED26 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MED26, Polyclonal Antibody
Full Product Name	MED26 Antibody
Product Gene Name	anti-MED26 antibody
Product Synonym Names	ARC70; CRSP complex 7; CRSP70; MED26; activator-recruited cofactor 70 kDa component
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity	The antibody detects endogenous levels of total MED26 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
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	Synthesized peptide derived from N-terminal of human MED26.
Product Categories/Family for anti-MED26 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MED26 antibody	Western Blot (WB)
Application Notes for anti-MED26 antibody	WB: 1:500~1:3000
Related Product Information for anti-MED26 antibody	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.
Product References and Citations for anti-MED26 antibody	Ryu S., Nature 397:446-450 (1999).Naeaer A.M., Nature 398:828-832 (1999).Sato S., Mol. Cell 14:685-691 (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	MBS8587216 is an antibody targeting MED26. Also known as MED26 Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

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

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
NCBI Summary for MED26	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. [provided by RefSeq, Jul 2008]
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. Protein type: Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 19p13.11 Cellular Component: nucleoplasm; Srb-mediator complex Molecular Function: protein binding; DNA binding; transcription coactivator activity Biological Process: regulation of transcription from RNA polymerase II promoter; transcription initiation from RNA polymerase II promoter; gene expression

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