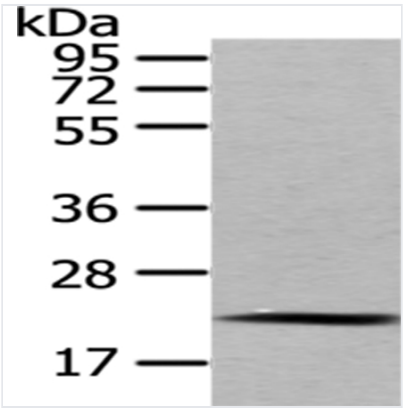
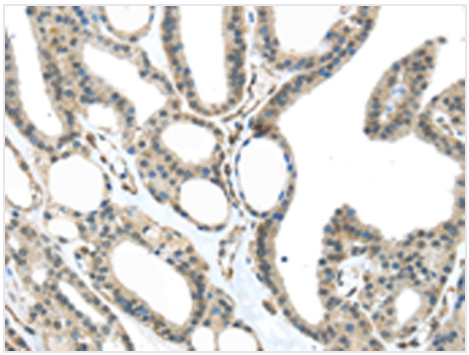
MED18 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MED18, Polyclonal Antibody
Full Product Name	MED18 Antibody
Product Gene Name	anti-MED18 antibody
Product Synonym Names	p28b
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen Affinity Purification
Concentration	1.7 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total MED18 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	23,663 Da
OMIM	612384
3D Structure	ModBase 3D Structure for Q9BUE0
Immunogen	Full length fusion protein of human MED18
Immunogen Type	Protein
Product Categories/Family for anti-MED18 antibody	Total protein Ab
Applications Tested/Suitable for anti-MED18 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-MED18 antibody	Western Blot: 1:200-1:1000 Immunohistochemistry: 1:25-1:100
Related Product Information for anti-MED18 antibody	MED18 is a component of the Mediator complex, which is a coactivator for DNA-binding factors that activate transcription via RNA polymerase II (Sato et al., 2003 [PubMed 12584197]).
Other Notes	Small volumes of anti-MED18 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 MED18 purchase	MBS9416343 is an antibody targeting MED18. Also known as MED18 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-MED18 antibody
Gel: 8%SDS-PAGE Lysate: 40 ? g Lane: Jurkat cell Primary antibody: 1/400 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 5 minutes



Immunohistochemistry (IHC) of anti-MED18 antibody
Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/30,

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MED18. It may not necessarily be applicable to this product.

NCBI GI #	188035867
NCBI GeneID	54797
NCBI Accession #	NP_001120822.1
UniProt Primary Accession #	Q9BUE0
UniProt Secondary Accession #	Q9NXU9; D3DPM1
UniProt Related Accession #	Q9BUE0
GenBank Nucleotide #	NM_001127350.1
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 18
NCBI Official Synonym Full Names	mediator complex subunit 18
NCBI Official Symbol	MED18
NCBI Official Synonym Symbols	p28b
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 18
UniProt Synonym Protein Names	Mediator complex subunit 18; p28b
Protein Family	Mediator of RNA polymerase II transcription
UniProt Gene Name	MED18
UniProt Entry Name	MED18_HUMAN
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 18

UniProt Comments for MED18	MED18: 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 18 family. Protein type: Nuclear receptor co-regulator Chromosomal Location of Human Ortholog: 1p35.3 Cellular Component: Srb-mediator complex Molecular Function: protein binding Biological Process: termination of RNA polymerase II transcription
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/med18/9416343