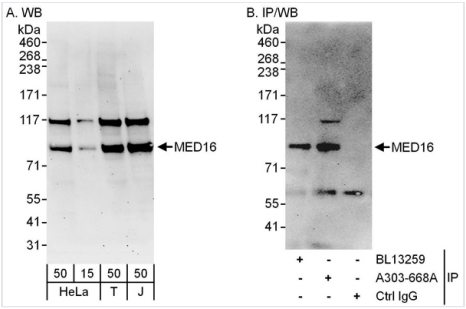
MED16 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MED16, Polyclonal Antibody
Full Product Name	Rabbit anti-MED16 Antibody, Affinity Purified
Product Gene Name	anti-MED16 antibody
Product Synonym Names	mediator of RNA polymerase II transcription subunit 16; TRAP95; thyroid hormone receptor-associated protein, 95-kD subunit; vitamin D3 receptor-interacting protein complex 92 kDa component; thyroid hormone receptor-associated protein complex 95 kDa component; Mediator complex subunit 16; DRIP92; thyroid hormone receptor-associated protein 5; THRAP5; Mediator of RNA polymerase II transcription subunit 16; mediator complex subunit 16
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	1000ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
Molecular Weight	96,793 Da
OMIM	604062
3D Structure	ModBase 3D Structure for Q9Y2X0
Predicted Reactivity	Mouse
Immunogen	Between 550 and 600
Conjugation	Unconjugated
Product Categories/Family for anti-MED16 antibody	Primary Antibodies
Applications Tested/Suitable for anti-MED16 antibody	Western Blot (WB), Immunoprecipitation (IP)
Application Notes for anti-MED16 antibody	WB: 1:2000-1:10,000 IP: 6ug/mg lysate
Related Product Information for anti-MED16 antibody	Mediator of RNA polymerase II transcription subunit 16 (MED16) is a 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 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9Y2X0].
Other Notes	Small volumes of anti-MED16 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 MED16 purchase	MBS3903919 is an antibody targeting MED16. Also known as Rabbit anti-MED16 Antibody, Affinity Purified. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-MED16 antibody
Detection of human MED16 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-MED16 antibody MBS3903919 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. MED16 was also immunoprecipitated by rabbit anti-MED16 antibody BL13259, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MED16. It may not necessarily be applicable to this product.

NCBI GI #	38146094
NCBI GeneID	10025
NCBI Accession #	NP_005472.2
UniProt Primary Accession #	Q9Y2X0
UniProt Secondary Accession #	Q6PJT2; Q96AD4; Q96I35; Q9Y652
UniProt Related Accession #	Q9Y2X0
GenBank Nucleotide #	NM_005481.2
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 16
NCBI Official Synonym Full Names	mediator complex subunit 16
NCBI Official Symbol	MED16
NCBI Official Synonym Symbols	DRIP92; THRAP5; TRAP95
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 16
UniProt Synonym Protein Names	Mediator complex subunit 16; Thyroid hormone receptor-associated protein 5; Thyroid hormone receptor-associated protein complex 95 kDa component; Trap95; Vitamin D3 receptor-interacting protein complex 92 kDa component; DRIP92
Protein Family	Putative mediator of RNA polymerase II transcription
UniProt Gene Name	MED16
UniProt Synonym Gene Names	; Trap95; DRIP92
UniProt Entry Name	MED16_HUMAN
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 16; thyroid hormone receptor-associated protein 5; thyroid hormone receptor-associated protein, 95-kD subunit; vitamin D3 receptor-interacting protein complex 92 kDa component; thyroid hormone receptor-a
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