

MED17 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16245c

Specification

MED17 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9NVC6
Other Accession	NP_004259.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	72890
Antigen Region	332-361

MED17 Antibody (Center) - Additional Information

Gene ID 9440

Other Names

Mediator of RNA polymerase II transcription subunit 17, Activator-recruited cofactor 77 kDa component, ARC77, Cofactor required for Sp1 transcriptional activation subunit 6, CRSP complex subunit 6, Mediator complex subunit 17, Thyroid hormone receptor-associated protein complex 80 kDa component, Trap80, Transcriptional coactivator CRSP77, Vitamin D3 receptor-interacting protein complex 80 kDa component, DRIP80, MED17, ARC77, CRSP6, DRIP77, DRIP80, TRAP80

Target/Specificity

This MED17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 332-361 amino acids from the Central region of human MED17.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MED17 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MED17 Antibody (Center) - Protein Information

Name MED17

Synonyms ARC77, CRSP6, DRIP77, DRIP80, TRAP80

Function 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.

Cellular Location

Nucleus.

Tissue Location

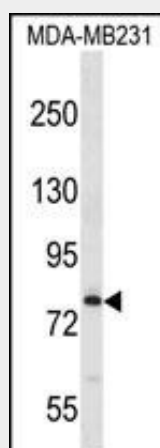
Ubiquitous..

MED17 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MED17 Antibody (Center) - Images



MED17 Antibody (Center) (Cat. #AP16245c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the MED17 antibody detected the MED17 protein (arrow).

MED17 Antibody (Center) - Background

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.

MED17 Antibody (Center) - References

Matsuoka, S., et al. Science 316(5828):1160-1166(2007)
Jang, M.K., et al. Mol. Cell 19(4):523-534(2005)
Tomomori-Sato, C., et al. J. Biol. Chem. 279(7):5846-5851(2004)
Sato, S., et al. J. Biol. Chem. 278(17):15123-15127(2003)
Lau, J.F., et al. Mol. Cell. Biol. 23(2):620-628(2003)