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MED17 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16245c

Specification

MED17 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q9NVC6
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
E~~Use at an assay dependent concentration.

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

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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.

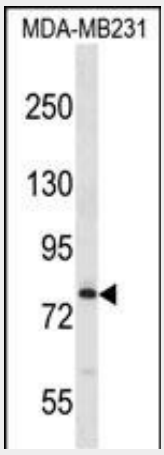
Tissue Location
Ubiquitous..

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 Cytomety
- 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)
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Lau, J.F., et al. Mol. Cell. Biol. 23(2):620-628(2003)