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# MED9 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18376b

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | Q9NWA0 |
| **Other Accession** | Q8VCS6, Q2KHX9, NP_060489.1 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Bovine, Rat, Canine, Chicken |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB38297 |
| **Calculated MW** | 16403 |
| **Antigen Region** | 107-136 |

## Additional Information

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| **Gene ID** | 55090 |
| **Other Names** | Mediator of RNA polymerase II transcription subunit 9, Mediator complex subunit 9, MED9, MED25 |
| **Target/Specificity** | This MED9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 107-136 amino acids from the C-terminal region of human MED9. |
| **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** | MED9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | MED9 |
| **Synonyms** | MED25 |

**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.

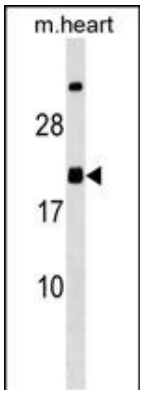
## Background

The multiprotein Mediator complex is a coactivator required for activation of RNA polymerase II transcription by DNA bound transcription factors. The protein encoded by this gene is thought to be a subunit of the Mediator complex. This gene is located within the Smith-Magenis syndrome region on chromosome 17.

## References

Sato, S., et al. Mol. Cell 14(5):685-691(2004)
Tomomori-Sato, C., et al. J. Biol. Chem. 279(7):5846-5851(2004)
Bi, W., et al. Genome Res. 12(5):713-728(2002)

## Images




MED9 Antibody (C-term) (Cat. #AP18376b) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the MED9 Antibody detected the MED9 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.