10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MED9 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18376b

Product Information

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

Additional Information

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

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.

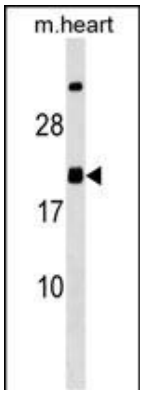
Background

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).