

**(Mouse) Med15 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5502**

## Specification

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### (Mouse) Med15 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	<a href="#">O924H2</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	M=87;H=87,83,76;R=87 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

### (Mouse) Med15 Antibody (C-term) - Additional Information

**Gene ID** 94112

**Antigen Region**  
712-746

#### Other Names

Mediator of RNA polymerase II transcription subunit 15, Mediator complex subunit 15, Positive cofactor 2 glutamine/Q-rich-associated protein, PC2 glutamine/Q-rich-associated protein, mPcqap, Med15, Pcqap

#### Dilution

WB~~1:1000  
IHC-P~~1:25

#### Target/Specificity

This mouse Med15 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 712-746 amino acids from the C-terminal region of mouse Med15.

#### 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

(Mouse) Med15 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### (Mouse) Med15 Antibody (C-term) - Protein Information

**Name** Med15

**Synonyms** Pcqap

### 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. Required for cholesterol-dependent gene regulation. Positively regulates the Nodal signaling pathway (By similarity).

### Cellular Location

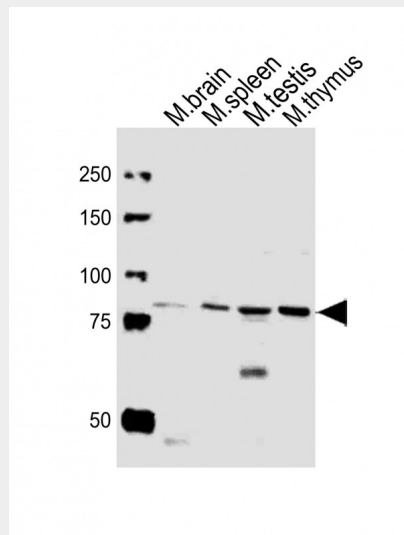
Cytoplasm. Nucleus.

### (Mouse) Med15 Antibody (C-term) - Protocols

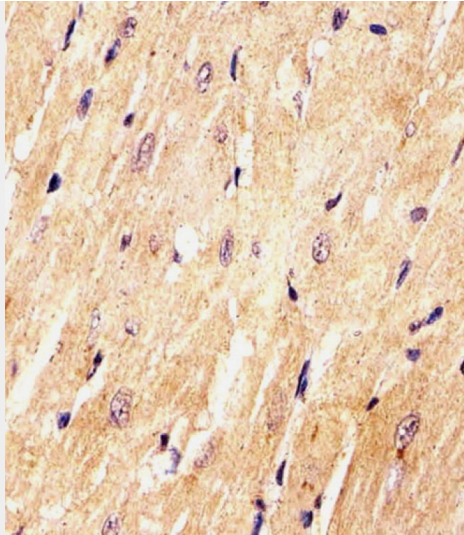
Provided below are standard protocols that you may find useful for product applications.

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

### (Mouse) Med15 Antibody (C-term) - Images



All lanes : Anti-Med15 Antibody (C-term) at 1:1000 dilution Lane 1: mouse brain lysates Lane 2: mouse spleen lysates Lane 3: mouse testis lysates Lane 4: mouse thymus lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 87 kDa Blocking/Dilution buffer: 5% NFDN/TBST.



AW5502 staining (Mouse) Med15 in Mouse heart tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

#### **(Mouse) Med15 Antibody (C-term) - Background**

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. Required for cholesterol-dependent gene regulation. Positively regulates the Nodal signaling pathway (By similarity).

#### **(Mouse) Med15 Antibody (C-term) - References**

Berti L., et al. Genomics 74:320-332(2001).