

# (Mouse) Med15 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21208b

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">Q924H2</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB51171
<b>Calculated MW</b>	86607

## Additional Information

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<b>Gene ID</b>	94112
<b>Other Names</b>	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
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:2000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	(Mouse) Med15 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Med15
<b>Synonyms</b>	Pcqap
<b>Function</b>	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.

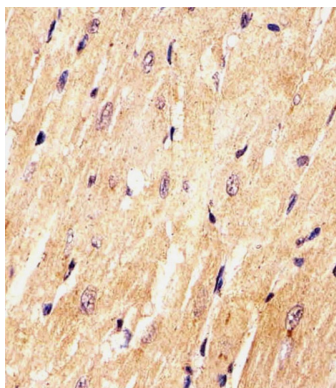
## Background

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).

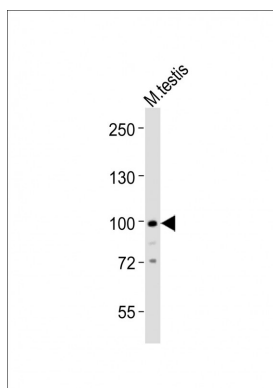
## References

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

## Images

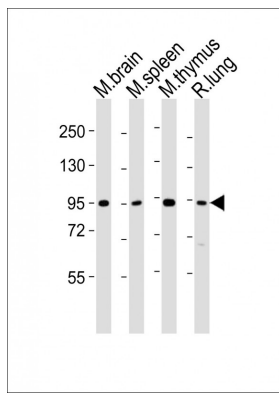


AP21208b staining (Mouse) Med15 in Mouse heart tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (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.



Anti-Med15 Antibody (C-term) at 1:1000 dilution + mouse testis 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% NFDM/TBST.

All lanes : Anti-Med15 Antibody (C-term) at 1:2000 dilution Lane 1: mouse brain lysates Lane 2: mouse spleen lysates Lane 3: mouse thymus lysates Lane 4: rat lung 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% NFDm/TBST.

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