

(Mouse) Med15 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5502

Product Information

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|-------------------|------------------------|
| Application | WB, IHC-P |
| Primary Accession | Q924H2 |
| Reactivity | Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 86607 |
| Isotype | Rabbit IgG |
| Antigen Source | HUMAN |

Additional Information

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|--------------------|---|
| 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~~1:100~500 |
| 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. |
| 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 | (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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|----------|-------|
| 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.

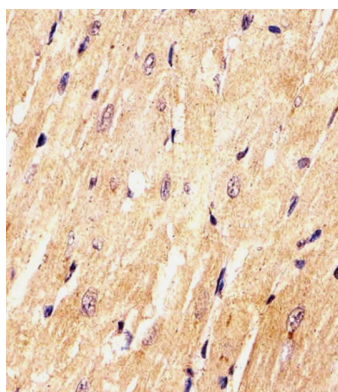
Background

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).

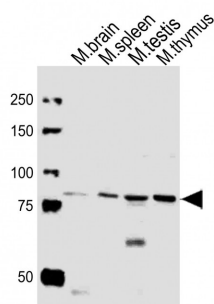
References

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

Images



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.



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% NFDM/TBST.