

**Product Name: Med8 Rabbit Polyclonal Antibody**  
**Catalog #: APRab13780**



## Summary

<b>Production Name</b>	Med8 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	MED8
<b>Alternative Names</b>	MED8; Mediator of RNA polymerase II transcription subunit 8; Activator-recruited cofactor 32 kDa component; ARC32; Mediator complex subunit 8
<b>Gene ID</b>	112950.0
<b>SwissProt ID</b>	Q96G25.Synthesized peptide derived from Med8 . at AA range: 70-150

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000. ELISA: 1:5000.
<b>Molecular Weight</b>	29kD

## Background

This gene encodes a protein component of the mediator complex, which aids in transcriptional activation through

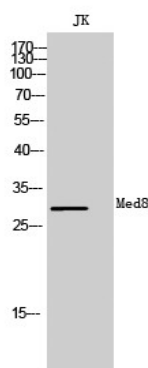
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interaction with RNA polymerase II and gene-specific transcription factors. The encoded protein may also function in ubiquitin ligation and protein degradation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2013],domain:The elongin BC complex binding domain is also known as BC-box with the consensus [APST]-L-x(3)-C-x(3)-[AILV],.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. May play a role as a target recruitment subunit in E3 ubiquitin-protein ligase complexes and thus in ubiquitination and subsequent proteasomal degradation of target proteins.,pathway:Protein modification; protein ubiquitination.,similarity:Belongs to the Mediator complex subunit 8 family.,subunit:Component of the Mediator complex, which is composed of MED1, MED4, MED6, MED7, MED8, MED9, MED10, MED11, MED12, MED13, MED13L, MED14, MED15, MED16, MED17, MED18, MED19, MED20, MED21, MED22, MED23, MED24, MED25, MED26, MED27, MED29, MED30, MED31, CCNC, CDK8 and CDC2L6/CDK11. The MED12, MED13, CCNC and CDK8 subunits form a distinct module termed the CDK8 module. Mediator containing the CDK8 module is less active than Mediator lacking this module in supporting transcriptional activation. Individual preparations of the Mediator complex lacking one or more distinct subunits have been variously termed ARC, CRSP, DRIP, PC2, SMCC and TRAP. May be part of a multisubunit E3 ubiquitin-protein ligase complex with the Elongin BC complex (TCEB1 and TCEB2), CUL2 and RBX1.,

## Research Area

## Image Data



Western Blot analysis of JK cells using Med8 Polyclonal Antibody diluted at 1: 500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

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**Note**

For research use only.