**Product Name: TRAP100 Rabbit Polyclonal Antibody**
**Catalog #: APRab19222**

## Summary

| | |
|---|---|
| **Production Name** | TRAP100 Rabbit Polyclonal Antibody |
| **Description** | Rabbit Polyclonal Antibody |
| **Host** | Rabbit |
| **Application** | IF,WB,ELISA |
| **Reactivity** | Human,Mouse,Rat |

## Performance

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

## Immunogen

| | |
|---|---|
| **Gene Name** | MED24 |
| **Alternative Names** | MED24; ARC100; CRSP4; DRIP100; KIAA0130; THRAP4; TRAP100; Mediator of RNA polymerase II transcription subunit 24; Activator-recruited cofactor 100 kDa component; ARC100; Cofactor required for Sp1 transcriptional activation subunit 4; CRSP c |
| **Gene ID** | 9862.0 |
| **SwissProt ID** | O75448.The antiserum was produced against synthesized peptide derived from human MED24. AA range:801-850 |

## Application

| | |
|---|---|
| **Dilution Ratio** | WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other |

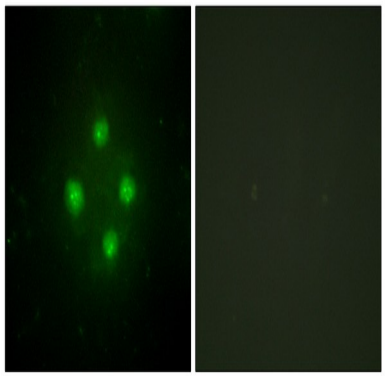
| | |
|---|---|
| | applications. |
| **Molecular Weight** | 110kD |

## Background

This gene encodes a component of the mediator complex (also known as TRAP, SMCC, DRIP, or ARC), a transcriptional coactivator complex thought to be required for the expression of almost all genes. The mediator complex is recruited by transcriptional activators or nuclear receptors to induce gene expression, possibly by interacting with RNA polymerase II and promoting the formation of a transcriptional pre-initiation complex. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],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.,similarity:Belongs to the Mediator complex subunit 24 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. Interacts with AR.,tissue specificity:Ubiquitous. Abundant in skeletal muscle, heart and placenta.,

## Research Area

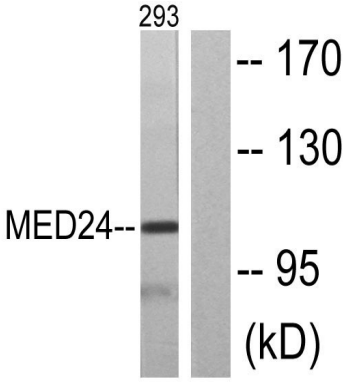
## Image Data



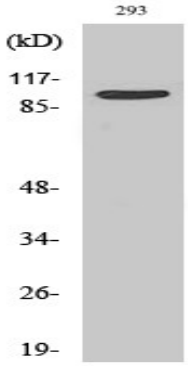
Immunofluorescence analysis of HUVEC cells, using MED24 Antibody. The picture on the right is blocked with the

**Product Name: TRAP100 Rabbit Polyclonal Antibody**
**Catalog #: APRab19222**

synthesized peptide.




Western blot analysis of lysates from 293 cells, using MED24 Antibody. The lane on the right is blocked with the synthesized peptide.




Western Blot analysis of various cells using TRAP100 Polyclonal Antibody diluted at 1：1000. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit （SC-003,Inventbiotech,MN,USA）.

## Note

For research use only.