



Rabbit Anti-TRAP100 antibody

SL16580R

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| Product Name: | TRAP100 |
| Chinese Name: | TRAP100蛋白抗体 |
| Alias: | Activator recruited cofactor 100 kDa component; ARC100; Cofactor required for Sp1 transcriptional activation subunit 4; CRSP complex subunit 4; CRSP100; CRSP4; DRIP100; hTRAP100; KIAA0130; MED24_HUMAN; MED 24; MED24; Mediator complex subunit 24; Mediator of RNA polymerase II transcription subunit 24; Mediator of RNA polymerase II transcription subunit 24 homolog; MGC8748; OTTHUMP00000164458; OTTHUMP00000164460; THRAP4; Thyroid hormone receptor associated protein 4; Thyroid hormone receptor associated protein complex 100 kDa component; Trapp100; Vitamin D3 receptor interacting protein complex component DRIP100. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Chicken,Rhesus monkey, Gorilla, Orangutan |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 110kDa |
| Cellular localization: | The nucleus |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human TRAP100:1-100/989 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

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| PubMed: | PubMed |
| Product Detail: | <p>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]</p> <p>Function: TRAP100 plays a role in transcriptional coactivation. It plays a role in nuclear hormone receptor mediated transactivation. TRAP100 is 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.</p> <p>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.</p> <p>Subcellular Location: Nuclear</p> <p>Tissue Specificity: Ubiquitous. Abundant in skeletal muscle, heart and placenta.</p> <p>Similarity: Belongs to the Mediator complex subunit 24 family.</p> <p>SWISS: O75448</p> <p>Gene ID: 9862</p> <p>Database links:</p> |

[Entrez Gene: 9862](#) Human

[Entrez Gene: 426134](#) Chicken

[Entrez Gene: 480529](#) Dog

[Entrez Gene: 23989](#) Mouse

[Entrez Gene: 619436](#) Rat

[Omim: 607000](#) Human

[SwissProt: Q5F3M0](#) Chicken

[SwissProt: O75448](#) Human

[SwissProt: Q99K74](#) Mouse

[SwissProt: Q4V8B3](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.