

### Anti-TRAP100 Antibody

Rabbit polyclonal antibody to TRAP100 Catalog # AP60590

#### Specification

## **Anti-TRAP100 Antibody - Product Information**

Application Primary Accession Reactivity Host Clonality Calculated MW WB, IF/IC, IHC <u>075448</u> Human, Rat, Pig, Chicken, Bovine Rabbit Polyclonal 110305

### Anti-TRAP100 Antibody - Additional Information

Gene ID 9862

**Other Names** 

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 complex subunit 4; Mediator complex subunit 24; Thyroid hormone receptor-associated protein 4; Thyroid hormone receptor-associated protein complex 100 kDa component; Trap100; hTRAP100; Vitamin D3 receptor-interacting protein complex 100 kDa component; DRIP100

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TRAP100. The exact sequence is proprietary.

Dilution WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) IF/IC~~N/A IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

### Anti-TRAP100 Antibody - Protein Information

Name MED24

Synonyms ARC100, CRSP4, DRIP100, KIAA0130, THRAP4

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.

Cellular Location Nucleus.

**Tissue Location** Ubiquitous. Abundant in skeletal muscle, heart and placenta.

# Anti-TRAP100 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## Anti-TRAP100 Antibody - Images



Western blot analysis of TRAP100 expression in H446 (A) whole cell lysates.





Immunohistochemical analysis of TRAP100 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of TRAP100 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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