

**Anti-TRAP100 Antibody**  
Rabbit polyclonal antibody to TRAP100  
Catalog # AP60590**Specification**

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**Anti-TRAP100 Antibody - Product Information**

Application	<b>WB, IF</b>
Primary Accession	<a href="#">O75448</a>
Reactivity	<b>Human, Rat, Pig, Chicken, Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>110305</b>

**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**

Recognizes endogenous levels of TRAP100 protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)  
IF~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)

**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

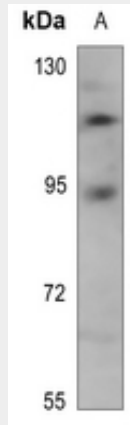
Ubiquitous. Abundant in skeletal muscle, heart and placenta.

### Anti-TRAP100 Antibody - Protocols

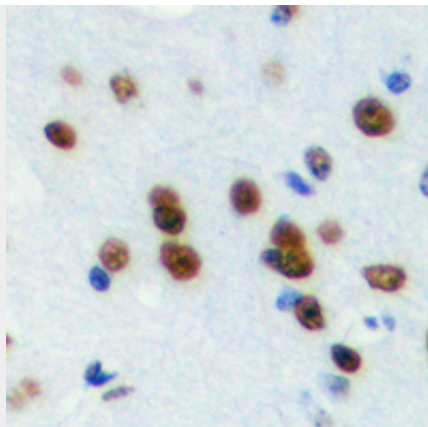
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

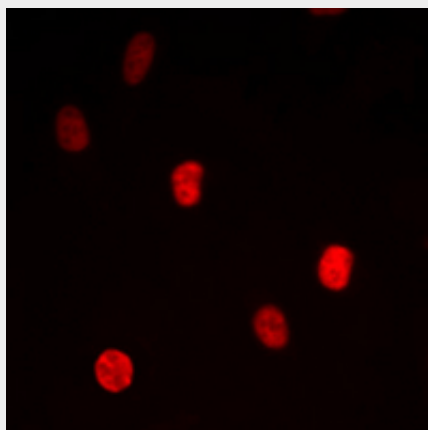
### Anti-TRAP100 Antibody - Images



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 humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

#### **Anti-TRAP100 Antibody - Background**

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