

Product Data Sheet

Anti-TRAP100 Antibody

Catalog #	Source	Reactivity	Applications
CPA4731	Rabbit	H, R, B, C, P	WB, IH, IF/IC
Description	Rabbit polyclonal antibody to TRAP100		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TRAP100. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of TRAP100 protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)		
Gene Symbol	MED24		
Alternative 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		
Entrez Gene	9862 (Human); 619436 (Rat)		
SwissProt	O75448 (Human); Q4V8B3 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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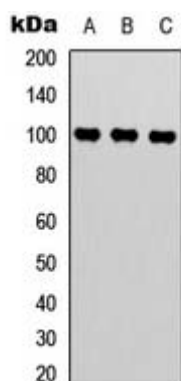
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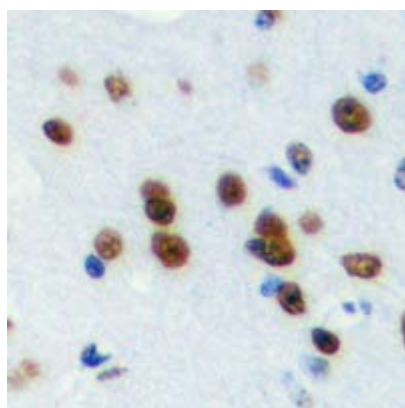
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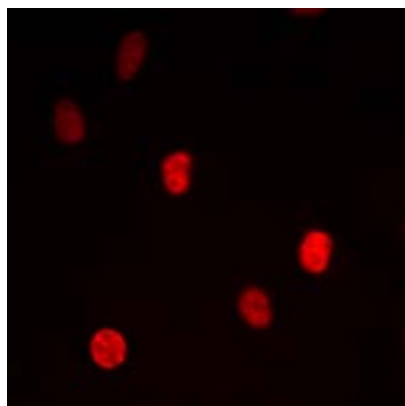
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Western blot analysis of TRAP100 expression in HepG2 (A), HEK293T (B), Hela (C) whole cell lysates.



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.

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