

Anti-TRAP100 Antibody

Rabbit polyclonal antibody to TRAP100

Catalog # AP60590

Product Information

Application	WB, IF/IC, IHC
Primary Accession	O75448
Reactivity	Human, Rat, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110305

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

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.

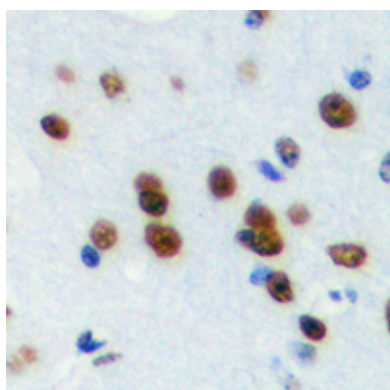
Background

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

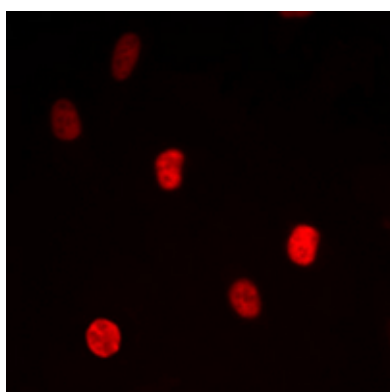
Images



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.

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