

Rabbit anti-Human, Mouse TRAP100/MED24 Polyclonal Antibody | anti-TRAP100/MED24 antibody

Rabbit anti-TRAP100/MED24 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211493	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

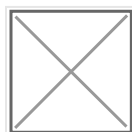
PRODUCT SYNONYMS

TRAP100/MED24; Polyclonal Antibody; Rabbit anti-TRAP100/MED24 Antibody; Affinity Purified; TRAP100; MED5; vitamin D3 receptor-interacting protein complex 100 kDa component; thyroid hormone receptor-associated protein complex 100 kDa component; thyroid hormone receptor-associated protein 4; THRAP4; mediator of RNA polymerase II transcription; subunit 24 homolog; mediator of RNA polymerase II transcription subunit 24; Mediator complex subunit 24; activator-recruited cofactor 100 kDa component; hTRAP100; ARC100; cofactor required for Sp1 transcriptional activation subunit 4; cofactor required for Sp1 transcriptional activation; subunit 4; 100kDa; CRSP complex subunit 4; CRSP100; CRSP4; DRIP100; vitamin D3 receptor-interacting protein complex component DRIP100; Mediator of RNA polymerase II transcription subunit 24; mediator complex subunit 24; anti-TRAP100/MED24 antibody

PRODUCT SPECIFICATIONS

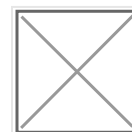
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TRAP100/MED24 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Chicken
Immunogen	Between 939 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human TRAP100/MED24 by western blot. Samples: Whole cell lysate (50 ug) from RKO, GaMG, HEK293T, LNCaP, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TRAP100/MED24 antibody (AAA211493 lot 2) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



WB (Western Blot)

Detection of mouse TRAP100/MED24 by western blot. Samples: Whole cell lysate (25 ug) from NIH 3T3, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TRAP100/MED24 antibody (AAA211493 lot 2) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human TRAP100/MED24 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-TRAP100/MED24 antibody (AAA211493 lot 2) used for IP at 6 ug per reaction. TRAP100/MED24 was also immunoprecipitated by a previous lot of this antibody (AAA211493 lot 1). For blotting immunoprecipitated TRAP100/MED24, AAA211493 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TRAP100/MED24 antibody	TRAP100/MED24 is a component of the multisubunit mediator complex that functions as an interface between gene-specific transcription factors and the RNA Pol II/general transcription factor machinery. The mediator complex was first identified as a coactivator of the thyroid hormone receptor and has since been observed to function as a coactivator of a variety of transcription factors. TRAP100/MED24 associates with mediator subunit TRAP220. Both are essential to mouse development and play a role in androgen receptor-mediated transcription. Studies in zebrafish have shown that TRAP100/MED24 is also important to retinal development.
Product Categories/Family for anti-TRAP100/MED24 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	41281496
NCBI GeneID	9862
NCBI Accession #	NP_055630.2
NCBI GenBank Nucleotide #	NM_014815.3
UniProt Accession #	O75448; Q14143; Q9NNY5; A8K4S5; B3KMR9
Molecular Weight	108,938 Da
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 24 isoform 1
NCBI Official Synonym Full Names	mediator complex subunit 24
NCBI Official Symbol	MED24
NCBI Official Synonym Symbols	CRSP4; ARC100; THRAP4; CRSP100; DRIP100; TRAP100
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 24; CRSP complex subunit 4; thyroid hormone receptor associated protein 4; thyroid hormone receptor-associated protein 4; activator-recruited cofactor 100 kDa component; cofactor required for Sp1 transcr
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 24
UniProt Gene Name	MED24
UniProt Synonym Gene Names	ARC100; CRSP4; DRIP100; KIAA0130; THRAP4; TRAP100; ARC100; CRSP complex subunit 4; Trap100; hTRAP100; DRIP100
UniProt Entry Name	MED24_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.