

Rabbit MED24 Polyclonal Antibody | anti-MED24 antibody

MED24 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320980	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

MED24; Polyclonal Antibody; MED24 Antibody; CRSP complex subunit 4; Activator recruited cofactor 100 kDa component; Activator-recruited cofactor 100 kDa component; ARC100; Cofactor required for Sp1 transcriptional activation subunit 4; CRSP100; CRSP4; DRIP100; hTRAP100; KIAA0130; MED 24; MED24_HUMAN; Mediator complex subunit 24; Mediator of RNA polymerase II transcription subunit 24; Mediator of RNA polymerase II transcription subunit 24 homolog; MGC8748; OTTHUMP00000164458; OTTHUMP00000164460; THRAP4; Thyroid hormone receptor associated protein 4; Thyroid hormone receptor associated protein complex 100 kDa component; Thyroid hormone receptor-associated protein 4; Thyroid hormone receptor-associated protein complex 100 kDa component; Trap100; Trapp100; Vitamin D3 receptor interacting protein complex component DRIP100; Vitamin D3 receptor-interacting protein complex 100 kDa component; anti-MED24 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MED24 antibody detects endogenous levels of total MED24
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	976
Applicable Applications for anti-MED24 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MED24
Subcellular Location	Nucleus.
Tissue Specificity	Ubiquitous. Abundant in skeletal muscle, heart and placenta.
Predicted Cross Reactivity	Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Zebrafish (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (91%), Dog (91%), Chicken (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA320980 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293, using MED24 Antibody.



IF (Immunofluorescence)

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WB (Western Blot)

Western blot analysis on A549 and HuvEc cell lysate using MED24 Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MED24 antibody

Description: Trap100 a transcriptional coactivator protein of the thyroid hormone receptor-associated protein (TRAP) family. Forms a complex with the thyroid hormone receptor (TR) and markedly enhance TR-mediated transcription in vitro. Interacts and co-precipitates with Trap220 but does not directly bind nuclear hormone receptors.

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.

Subunit Structure: Component of the Mediator complex, which is composed of MED1, MED4, MED6, MED7, MED8, MED9, MED10, MED11, MED12, MED13, MED13L, MED14, MED15, MED16, MED17, MED18, MED19, MED20, MED21, MED22, MED23, MED24, MED25, MED26, MED27, MED29, MED30, MED31, CCNC, CDK8 and CDC2L6/CDK11. The MED12, MED13, CCNC and CDK8 subunits form a distinct module termed the CDK8 module. Mediator containing the CDK8 module is less active than Mediator lacking this module in supporting transcriptional activation. Individual preparations of the Mediator complex lacking one or more distinct subunits have been variously termed ARC, CRSP, DRIP, PC2, SMCC and TRAP. Interacts with AR.

Similarity: Belongs to the Mediator complex subunit 24 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119220575
NCBI GeneID	9862
NCBI Accession #	NP_001072986.1
NCBI GenBank Nucleotide #	NM_001079518.1
UniProt Accession #	O75448; Q14143; Q9NNY5; A8K4S5; B3KMR9
Molecular Weight	Observed: 110 kDa Predicted: 111 kDa
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 24 isoform 2
NCBI Official Synonym Full Names	mediator complex subunit 24
NCBI Official Symbol	MED24
NCBI Official Synonym Symbols	MED5; CRSP4; ARC100; THRAP4; CRSP100; DRIP100; TRAP100

NCBI Protein Information	mediator of RNA polymerase II transcription subunit 24
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/med24-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320980>