

Mouse anti-Human, mouse MED14 Monoclonal Antibody | anti-MED14 antibody

MED14 Antibody (Ascites)

CATALOG # AAA283584	HOST Mouse	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

MED14; Monoclonal Antibody; MED14 Antibody (Ascites); Mediator of RNA polymerase II transcription subunit 14; Activator-recruited cofactor 150 kDa component; ARC150; Cofactor required for Sp1 transcriptional activation subunit 2; CRSP complex subunit 2; Mediator complex subunit 14; RGR1 homolog; hRGR1; Thyroid hormone receptor-associated protein complex 170 kDa component; Trap170; Transcriptional coactivator CRSP150; Vitamin D3 receptor-interacting protein complex 150 kDa component; DRIP150; anti-MED14 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, mouse
Clonality	Monoclonal
Isotype	IgM
Clone Number	483CT11.1.1
Specificity	Purified His-tagged MED14 protein(Fragment) was used to produced this monoclonal antibody.
Form/Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Sequence Length	1454
Applicable Applications for anti-MED14 antibody	ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

MED14 Antibody western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the MED14 antibody detected the MED14 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MED14 antibody	The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. This protein contains a bipartite nuclear localization signal. This gene is known to escape chromosome X-inactivation.
References	Wu, C., et al. Proteomics 7(11):1775-1785(2007) Lee, J., et al. Arch. Biochem. Biophys. 461(2):200-210(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Chen, W., et al. Mol. Endocrinol. 20(3):560-572(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28558973
NCBI GeneID	9282
NCBI Accession #	NP_004220.2
NCBI GenBank Nucleotide #	NM_004229.3
UniProt Accession #	O60244 ; Q4KMR7 ; Q9UNB3
Molecular Weight	160607
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 14
NCBI Official Synonym Full Names	mediator complex subunit 14
NCBI Official Symbol	MED14
NCBI Official Synonym Symbols	CSRP; RGR1; CRSP2; EXLM1; CXorf4; CRSP150; DRIP150; TRAP170
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 14
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 14
UniProt Gene Name	MED14
UniProt Synonym Gene Names	ARC150; CRSP2; CXorf4; DRIP150; EXLM1; RGR1; TRAP170; ARC150; CRSP complex subunit 2; hRGR1; Trap170; DRIP150
UniProt Entry Name	MED14_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/med14-antibody-clone-483ct11-1-1-western-blot-elisa/283584>