

Rabbit MED7 Polyclonal Antibody | anti-MED7 antibody

MED7 Antibody (Center)

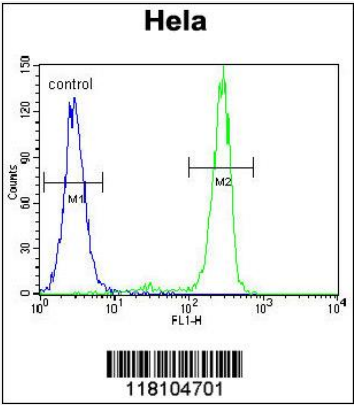
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283797	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Pig)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

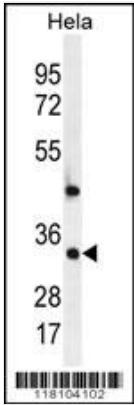
MED7; Polyclonal Antibody; MED7 Antibody (Center); Mediator of RNA polymerase II transcription subunit 7; hMED7; Activator-recruited cofactor 34 kDa component; ARC34; Cofactor required for Sp1 transcriptional activation subunit 9; CRSP complex subunit 9; Mediator complex subunit 7; RNA polymerase transcriptional regulation mediator subunit 7 homolog; Transcriptional coactivator CRSP33; CRSP9; anti-MED7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MED7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 83-111 amino acids from the Central region of human MED7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.28 (varies by lot)
Sequence Positions	83-111
Sequence Length	233
Applicable Applications for anti-MED7 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MED7 Antibody (Center) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
MED7 Antibody (Center) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the MED7 antibody detected the MED7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MED7 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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq].
Product Categories/Family for anti-MED7 antibody	Neuroscience; Signal Transduction
References	Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Sato, S., et al. Mol. Cell 14(5):685-691(2004) Tomomori-Sato, C., et al. J. Biol. Chem. 279(7):5846-5851(2004) Sato, S., et al. J. Biol. Chem. 278(17):15123-15127(2003) Ryu, S., et al. Proc. Natl. Acad. Sci. U.S.A. 96(13):7137-7142(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	155030188
NCBI GeneID	9443
NCBI Accession #	NP_001094286.1; NP_004261.1
NCBI GenBank Nucleotide #	NM_001100816.1
UniProt Accession #	O43513
Molecular Weight	27245
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 7
NCBI Official Synonym Full Names	mediator complex subunit 7
NCBI Official Symbol	MED7

NCBI Official Synonym Symbols	ARC34; CRSP9; CRSP33
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 7
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 7
UniProt Gene Name	MED7
UniProt Synonym Gene Names	ARC34; CRSP9; hMED7; ARC34; CRSP complex subunit 9
UniProt Entry Name	MED7_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://www.aaabiotech.com/polyclonal/med7-antibody-flow-cytometry-western-blot-elisa/283797>