

Rabbit MED7 Polyclonal Antibody | anti-MED7 antibody

Anti-MED7 Antibody Picoband

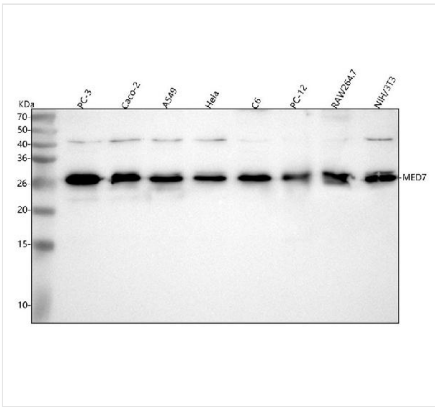
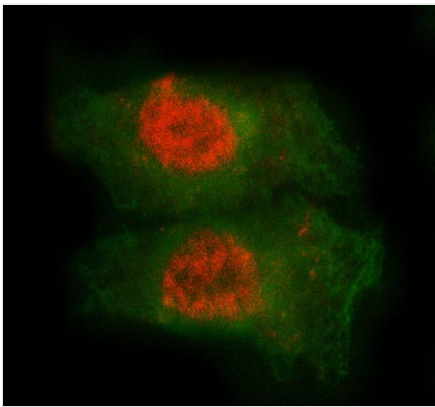
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA127611	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

MED7; Polyclonal Antibody; Anti-MED7 Antibody Picoband; anti-MED7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-MED7 antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E coli-derived human MED7 recombinant protein (Position: M1-P233). Human MED7 shares 97% amino acid (aa) sequence identity with mouse MED7.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



IF (Immunofluorescence)
Figure 2. IF analysis of MED7 using anti-MED7 antibody (AAA127611) and anti-Beta Tubulin antibody (M01857-3).MED7 was detected in immunocytochemical section of A549 cell. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5ug/mL rabbit anti-MED7 Antibody (AAA127611) and mouse anti-Beta Tubulin antibody (M01857-3) overnight at 4 degree C. DyLight594 Conjugated Goat Anti-Rabbit IgG (BA1142) and DyLight488 Conjugated Goat Anti-Mouse IgG (BA1126) were used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37 degree C. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

WB (Western Blot)
Figure 1. Western blot analysis of MED7 using anti-MED7 antibody (AAA127611).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human PC-3 whole cell lysates,Lane 2: human Caco-2 whole cell lysates,Lane 3: human A549 whole cell lysates,Lane 4: human Hela whole cell lysates,Lane 5: rat C6 whole cell lysates,Lane 6: rat PC-12 whole cell lysates,Lane 7: mouse RAW264.7 whole cell lysates,Lane 8: mouse NIH/3T3 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-MED7 antigen affinity purified polyclonal antibody (#AAA127611) at 0.25ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for MED7 at approximately 27 kDa. The expected band size for MED7 is at 27 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-MED7 antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-MED7 antibody	Primary Antibodies
References	1. Myers, L. C., Gustafsson, c. M., Bushnell, D. A., Lui, M., Erdjument-Bromage, H., Tempst, P., Kornberg, R. D. The Med proteins of yeast and their function through the RNA polymerase II carboxy-terminal domain. Genes Dev. 12: 45-54, 1998. 2. Ryu, S., Zhou, S., Ladurner, A. G., Tjian, R. The transcriptional cofactor complex CRSP is required for activity of the enhancer-binding protein Sp1. Nature 397: 446-450, 1999. 3. Sato, S., Tomomori-Sato, C., Parmely, T. J., Florens, L., Zybailov, B., Swanson, S. K., Banks, C. A. S., Jin, J., Cai, Y., Washburn, M. P., Conaway, J. W., Conaway, R. C. A set of consensus mammalian mediator subunits identified by multidimensional protein identification technology. Molec. Cell 14: 685-691, 2004.

NCBI AND UNIPROT INFORMATION

NCBI GI #	155030188
NCBI GeneID	9443
NCBI Accession #	NP_001094286.1
NCBI GenBank Nucleotide #	NM_001100816.1
UniProt Accession #	O43513
Molecular Weight	27,245 Da
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; CRSP complex subunit 9; RNA polymerase transcriptional regulation mediator subunit 7 homolog; activator-recruited cofactor 34 kDa component; cofactor required for Sp1 transcriptional activation subuni
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/med7-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/127611>