

DATASHEET

MED7 Rabbit Polyclonal Antibody

CAT. NO. APA16127

KEY FEATURES

Target	MED7	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

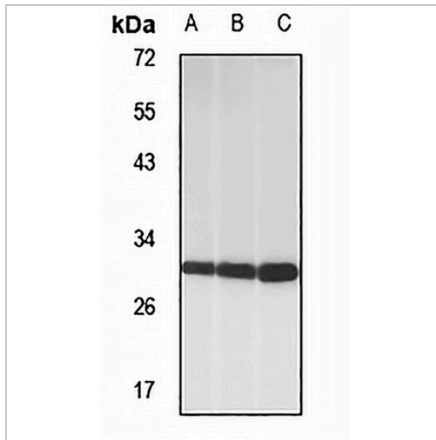
Description	Rabbit polyclonal antibody to MED7
Specificity	Recognizes endogenous levels of MED7 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MED7. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 27 kD; Observed: 30 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ARC34; CRSP9; 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
Gene Symbol	MED7
Entrez Gene	9443(Human); 66213(Mouse)
SwissProt	O43513(Human); Q9CZB6(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of MED7 expression in HEK293T (A), NIH3T3 (B), mouse testis (C) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 30 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.