

DATASHEET

MED4 Rabbit Polyclonal Antibody

CAT. NO. APA14870

KEY FEATURES

Target	MED4	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	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

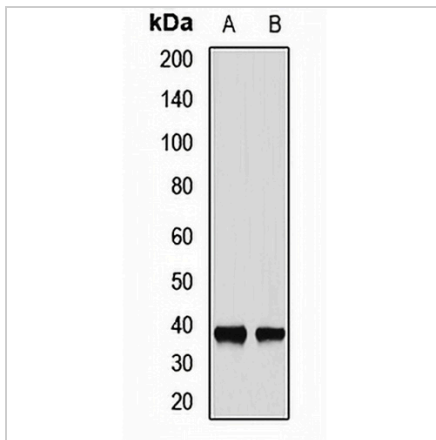
Description	Rabbit polyclonal antibody to MED4
Specificity	Recognizes endogenous levels of MED4 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MED4
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 24; Observed: 36 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	ARC36; DRIP36; VDRIP; Mediator of RNA polymerase II transcription subunit 4; Activator-recruited cofactor 36 kDa component; ARC36; Mediator complex subunit 4; TRAP/SMCC/PC2 subunit p36 subunit; Vitamin D3 receptor-interacting protein complex 36 kDa component; DRIP36
Gene Symbol	MED4
Entrez Gene	29079(Human); 67381(Mouse); 306030(Rat)
SwissProt	Q9NPJ6(Human); Q9CQA5(Mouse); Q561Q8(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arex.bio 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 MED4 expression in Jurkat (A), SHSY5Y (B) whole cell lysates.
(Predicted band size: 24; 29 kD; Observed band size: 36 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.