

ARG59395 anti-MED4 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MED4
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MED4
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-270 of Human MED4 (NP_054885.1).
Conjugation	Un-conjugated
Alternate Names	HSPC126; Vitamin D3 receptor-interacting protein complex 36 kDa component; DRIP36; TRAP/SMCC/PC2 subunit p36 subunit; Mediator of RNA polymerase II transcription subunit 4; VDRIP; Activator-recruited cofactor 36 kDa component; TRAP36; ARC36; Mediator complex subunit 4

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:200 - 1:2000</td></tr> </table>	Application	Dilution	WB	1:200 - 1:2000
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WB	1:200 - 1:2000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	Jurkat				
Observed Size	37 kDa				

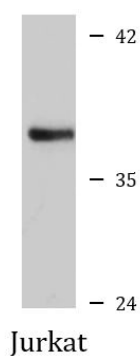
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MED4
Gene Full Name	mediator complex subunit 4
Background	This gene encodes a component of the Mediator complex. The Mediator complex interacts with DNA-binding gene-specific transcription factors to modulate transcription by RNA polymerase II. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]
Function	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. [UniProt]
Calculated Mw	30 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG59395 anti-MED4 antibody WB image

Western blot: 25 µg of Jurkat cell lysate stained with ARG59395 anti-MED4 antibody at 1:1000 dilution.