

ARG59395 anti-MED4 antibody

Package: 100 µl
Store at: -20°C

Summary

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| 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 | Application | Dilution |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| | 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

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| 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

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| 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

