

## ARG59315 anti-MED4 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MED4
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MED4
Species	Human
Immunogen	Recombinant protein corresponding to R27-K140 of Human MED4.
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
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

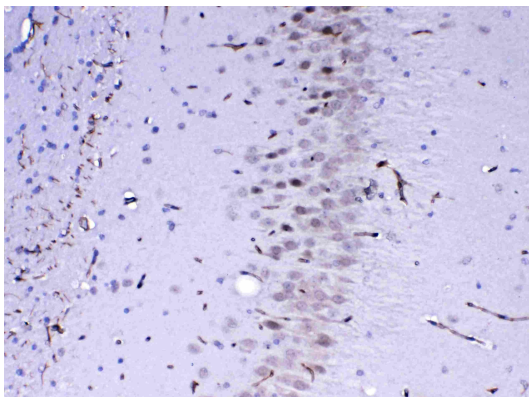
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. 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

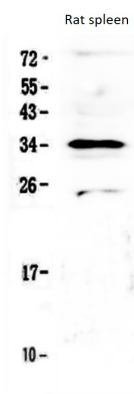
Gene Symbol	MED4
Gene Full Name	mediator complex subunit 4
Background	This gene encodes a component of the Mediator complex. The Mediator complex interacts with DNA-binding gene-specific transcription factors to modulate transcription by RNA polymerase II. Alternatively spliced transcript variants encoding 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



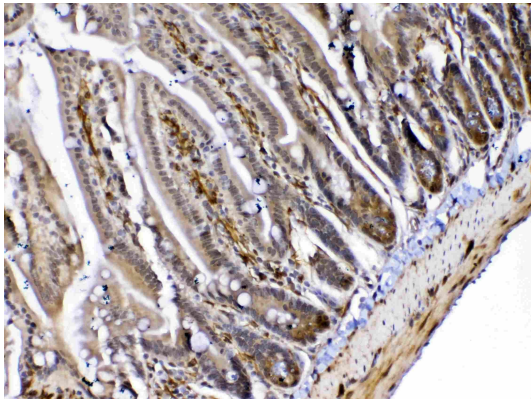
ARG59315 anti-MED4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59315 anti-MED4 antibody at 1 µg/ml dilution, overnight at 4°C.



ARG59315 anti-MED4 antibody WB image

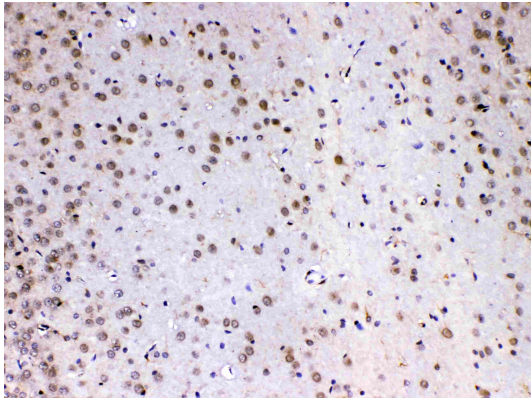
Western blot: 50 µg of sample under reducing conditions. Rat spleen lysate stained with ARG59315 anti-MED4 antibody at 0.5 µg/ml, overnight at 4°C.



ARG59315 anti-MED4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse small intestine tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59315 anti-MED4 antibody at 1  $\mu\text{g}/\text{ml}$  dilution, overnight at 4°C.

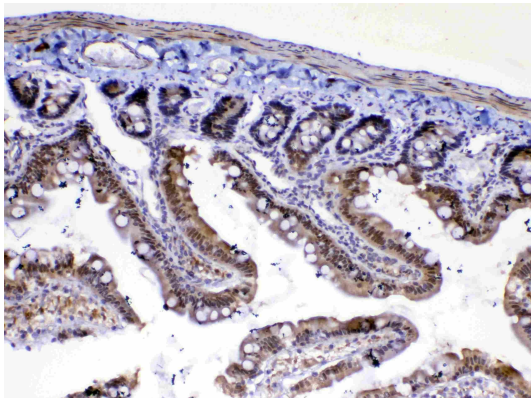
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ARG59315 anti-MED4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59315 anti-MED4 antibody at 1  $\mu\text{g}/\text{ml}$  dilution, overnight at 4°C.

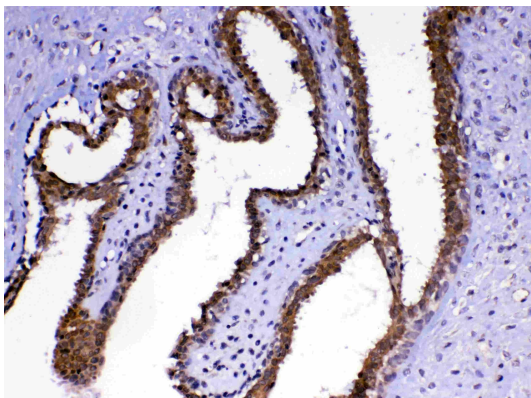
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ARG59315 anti-MED4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat small intestine tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59315 anti-MED4 antibody at 1  $\mu\text{g}/\text{ml}$  dilution, overnight at 4°C.

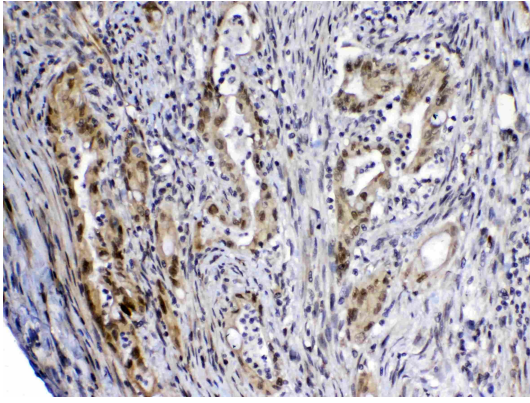
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ARG59315 anti-MED4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human mammary cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59315 anti-MED4 antibody at 1  $\mu\text{g}/\text{ml}$  dilution, overnight at 4°C.

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#### ARG59315 anti-MED4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human rectal cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59315 anti-MED4 antibody at 1  $\mu$ g/ml dilution, overnight at 4°C.