

## ARG66411 anti-MED14 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MED14
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MED14
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 670-750 of Human MED14.
Conjugation	Un-conjugated
Alternate Names	CSRP; Transcriptional coactivator CRSP150; TRAP170; RGR1; Mediator complex subunit 14; Thyroid hormone receptor-associated protein complex 170 kDa component; CRSP complex subunit 2; CXorf4; Vitamin D3 receptor-interacting protein complex 150 kDa component; DRIP150; CRSP150; ARC150; CRSP2; EXLM1; RGR1 homolog; Trap170; hRGR1; Activator-recruited cofactor 150 kDa component; Cofactor required for Sp1 transcriptional activation subunit 2; Mediator of RNA polymerase II transcription subunit 14

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:200 - 1:1000
	IHC-P	1:100 - 1:300

**Application Note** \* 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	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 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. 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.

## Bioinformation

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Gene Symbol	MED14
Gene Full Name	mediator complex subunit 14
Background	<p>The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. This protein contains a bipartite nuclear localization signal. This gene is known to escape chromosome X-inactivation. [provided by RefSeq, Jul 2008]</p>
Function	<p>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]</p>
Calculated Mw	161 kDa
Cellular Localization	Nucleus. [UniProt]