

## Product datasheet

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# ARG59164 anti-MED20 antibody

Package: 100 μl Store at: -20°C

### Summary

Product Description Rabbit Polyclonal antibody recognizes MED20

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

**Clonality** Polyclonal

Isotype IgG

Target Name MED20

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-212 of Human MED20 (NP\_004266.2).

Conjugation Un-conjugated

Alternate Names Mediator complex subunit 20; PRO0213; TRFP; hTRFP; Mediator of RNA polymerase II transcription

subunit 20; TRF-proximal protein homolog

#### **Application Instructions**

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	DU145	
Observed Size	~ 23 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 MED20

Gene Full Name mediator complex subunit 20

Background This gene encodes a component of the mediator complex (also known as TRAP, SMCC, DRIP, or ARC), a

transcriptional coactivator complex thought to be required for the expression of almost all genes. The mediator complex is recruited by transcriptional activators or nuclear receptors to induce gene expression, by interacting with RNA polymerase II and promoting the formation of a transcriptional pre-

initiation complex. A mutation in this gene has been associated with a novel infantile-onset

neurodegenerative movement disorder. Alternatively spliced transcript variants have been identified.

[provided by RefSeq, Mar 2015]

Function Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all

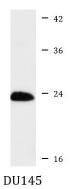
RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from genespecific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription

factors. [UniProt]

Calculated Mw 23 kDa

Cellular Localization Nucleus. [UniProt]

#### **Images**



#### ARG59164 anti-MED20 antibody WB image

Western blot: 25  $\mu g$  of DU145 cell lysate stained with ARG59164 anti-MED20 antibody at 1:1000 dilution.