

## Product datasheet

info@arigobio.com

# ARG41164 anti-POLR1C antibody

Package: 100 μl Store at: -20°C

#### **Summary**

Product Description Rabbit Polyclonal antibody recognizes POLR1C

Tested Reactivity Hu

Tested Application WB

Host Rabbit

**Clonality** Polyclonal

Isotype IgG

Target Name POLR1C
Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-200 of Human POLR1C (NP\_976035.1).

Conjugation Un-conjugated

Alternate Names RPC40; RPA39; DNA-directed RNA polymerase I subunit C; RPA5; RNA polymerases I and III subunit AC1;

DNA-directed RNA polymerases I and III subunit RPAC1; AC40; RPA40; RPAC1; DNA-directed RNA

polymerases I and III 40 kDa polypeptide; TCS3

### **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	293T	
Observed Size	39 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 POLR1C

Gene Full Name polymerase (RNA) I polypeptide C, 30kDa

Background The protein encoded by this gene is a subunit of both RNA polymerase I and RNA polymerase III

complexes. The encoded protein is part of the Pol core element. Defects in this gene have been

associated with Treacher Collins syndrome (TCS). [provided by RefSeq, Mar 2011]

Function DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four

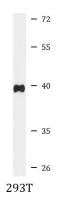
ribonucleoside triphosphates as substrates. Common component of RNA polymerases I and III which synthesize ribosomal RNA precursors and small RNAs, such as 5S rRNA and tRNAs, respectively. RPAC1 is part of the Pol core element with the central large cleft and probably a clamp element that moves to

open and close the cleft (By similarity). [UniProt]

Calculated Mw 39 kDa

Cellular Localization Nucleus. [UniProt]

#### **Images**



#### ARG41164 anti-POLR1C antibody WB image

Western blot: 25  $\mu g$  of 293T cell lysate stained with ARG41164 anti-POLR1C antibody at 1:1000 dilution.