

POLR1C

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 39kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant Protein of human POLR1C

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

POLR1C ; RPA39; RPC40; AC40; POLR1E; RPA40

Catalog #: A0269

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 9533

Isotype: IgG

Swiss Prot: O15160

Purity: Affinity purification

For research use only.

Background:

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. Rush, J., Nat. Biotechnol. 23 (1), 94-101 (2005) Hirschler-Laszkiewicz, I., J. Biol. Chem. 278 (21), 18953-18959 (2003) Dammann, R., Biochim. Biophys. Acta 1396 (2), 153-157 (1998) Seither, P., Chromosoma 106 (4), 216-225 (1997)

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