

## POLR1C Conjugated Antibody

Catalog No: #C38120



Package Size: #C38120-AF350 100ul #C38120-AF405 100ul #C38120-AF488 100ul  
 #C38120-AF555 100ul #C38120-AF594 100ul #C38120-AF647 100ul  
 #C38120-AF680 100ul #C38120-AF750 100ul #C38120-Biotin 100ul

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## Description

Product Name	POLR1C Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total POLR1C antibody.
Immunogen Description	Recombinant Protein of human POLR1C.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	POLR1C ; RPA39; RPC40; AC40; POLR1E; RPA40
Accession No.	Swiss-Prot#:O15160NCBI Gene ID:9533
Uniprot	O15160
GeneID	9533;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	39
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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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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Note: This product is for in vitro research use only