

## POLR1B Conjugated Antibody

Catalog No: #C34651



Package Size: #C34651-AF350 100ul #C34651-AF405 100ul #C34651-AF488 100ul  
 #C34651-AF555 100ul #C34651-AF594 100ul #C34651-AF647 100ul  
 #C34651-AF680 100ul #C34651-AF750 100ul #C34651-Biotin 100ul

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## Description

Product Name	POLR1B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total POLR1B protein.
Immunogen Description	Synthesized peptide derived from C-terminal of human POLR1B.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DNA-directed RNA polymerase I 135 kDa polypeptide; DNA-directed RNA polymerase I 135kDa polypeptide; DNA-directed RNA polymerase I subunit RPA2; FLJ10816; FLJ21921
Accession No.	Swiss-Prot#: Q9H9Y6 NCBI Gene ID: 84172
Uniprot	Q9H9Y6
GeneID	84172;
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	129
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

## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Second largest core component of RNA polymerase I which synthesizes ribosomal RNA precursors. Proposed to contribute to the polymerase catalytic activity and forms the polymerase active center together with the largest subunit. Pol I is composed of mobile elements and RPA2 is part of the core element with the central large cleft and probably a clamp element that moves to open and close the cleft By similarity.

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Note: This product is for in vitro research use only