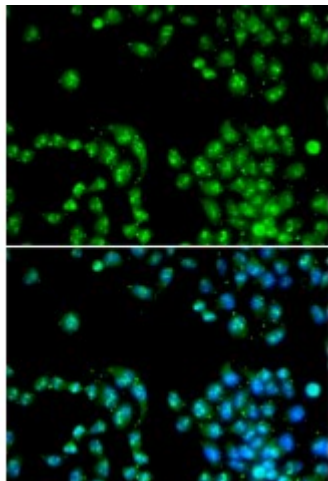


Anti-POLR2L Antibody



Description

This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains four conserved cysteines characteristic of an atypical zinc-binding domain. Like its counterpart in yeast, this subunit may be shared by the other two DNA-directed RNA polymerases.

Model	STJ116308
Host	Rabbit
Reactivity	Human
Applications	IF
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-67 of human POLR2L (NP_066951.1).
Gene ID	5441
Gene Symbol	POLR2L
Dilution range	IF 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	DNA-directed RNA polymerases I II and III subunit RPABC5 RNA polymerases I II and III subunit ABC5 DNA-directed RNA polymerase III subunit L RNA polymerase II 7.6 kDa subunit RPB7.6 RPB10 homolog
Molecular Weight	7.645 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9199 OMIM:601189 Reactome:R-HSA-112382
Alternative Names	DNA-directed RNA polymerases I II and III subunit RPABC5 RNA polymerases I II and III subunit ABC5 DNA-directed RNA polymerase III subunit L RNA polymerase II 7.6 kDa subunit RPB7.6 RPB10 homolog
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, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and a small RNAs, such as 5S rRNA and tRNAs, respectively, Pol II is the central component of the basal RNA polymerase II transcription machinery, Pols are composed of mobile elements that move relative to each other, In Pol II, POLR2L/RBP10 is part of the core element with the central large cleft ,
Cellular Localization	Nucleus

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