

**POLR2H Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20263c**

**Specification**

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**POLR2H Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P52434</a>
Other Accession	<a href="#">O923G2</a> , <a href="#">NP_006223.2</a> , <a href="#">F2Z4H3</a>
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	17143
Antigen Region	59-87

**POLR2H Antibody (Center) - Additional Information**

**Gene ID** 5437

**Other Names**

DNA-directed RNA polymerases I, II, and III subunit RPABC3, RNA polymerases I, II, and III subunit ABC3, DNA-directed RNA polymerase II subunit H, DNA-directed RNA polymerases I, II, and III 171 kDa polypeptide, RPB17, RPB8 homolog, hRPB8, POLR2H

**Target/Specificity**

This POLR2H antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-87 amino acids from the Central region of human POLR2H.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

POLR2H Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**POLR2H Antibody (Center) - Protein Information**

**Name** POLR2H ([HGNC:9195](#))

**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 small RNAs, such as 5S rRNA and tRNAs, respectively.

#### **Cellular Location**

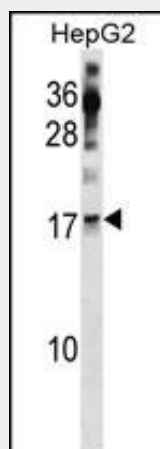
Nucleus {ECO:0000269|PubMed:33335104, ECO:0000269|PubMed:9852112, ECO:0000269|Ref.6}.  
Nucleus, nucleolus

#### **POLR2H Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **POLR2H Antibody (Center) - Images**



POLR2H Antibody (Center) (Cat. #AP20263c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the POLR2H antibody detected the POLR2H protein (arrow).

#### **POLR2H Antibody (Center) - Background**

This gene encodes one of the essential subunits of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III.

#### **POLR2H Antibody (Center) - References**

Davila, S., et al. *Genes Immun.* 11(3):232-238(2010)  
Michiels, S., et al. *Carcinogenesis* 30(5):763-768(2009)  
Ewing, R.M., et al. *Mol. Syst. Biol.* 3, 89 (2007) :  
Kang, X., et al. *J. Biol. Chem.* 281(26):18216-18226(2006)  
Andersen, J.S., et al. *Nature* 433(7021):77-83(2005)