

POLR2H Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51766

Product Information

Application	WB
Primary Accession	P52434
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17143

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	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human POLR2H. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

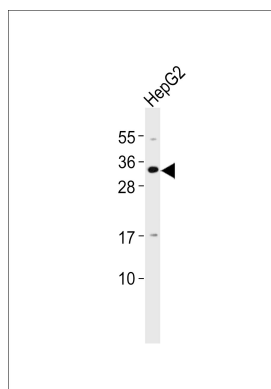
Background

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, 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.

References

McKune K.,et al.Mol. Cell. Biol. 15:6895-6900(1995).
Shpakovski G.V.,et al.Mol. Cell. Biol. 15:4702-4710(1995).
Shpakovski G.V.,et al.Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases.
Bienvenut W.V.,et al.Submitted (AUG-2005) to UniProtKB.
Kershnar E.,et al.J. Biol. Chem. 273:34444-34453(1998).

Images



Anti-POLR2H Antibody at 1:1000 dilution + HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 17 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.