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POLR2J Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14259b

Product Information

Application	WB, IHC-P, E
Primary Accession	P52435
Other Accession	Q32P79, NP_006225.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34713
Calculated MW	13293
Antigen Region	89-117

Additional Information

Gene ID	5439
Other Names	DNA-directed RNA polymerase II subunit RPB11-a, RNA polymerase II subunit B11-a, RPB11a, DNA-directed RNA polymerase II subunit J-1, RNA polymerase II 133 kDa subunit, POLR2J, POLR2J1
Target/Specificity	This POLR2J antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-117 amino acids from the C-terminal region of human POLR2J.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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	POLR2J Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	POLR2J
Synonyms	POLR2J1

Function	Core component of RNA polymerase II (Pol II), a DNA-dependent RNA polymerase which synthesizes mRNA precursors and many functional non-coding RNAs using the four ribonucleoside triphosphates as substrates.
Cellular Location	Nucleus.
Tissue Location	Ubiquitously expressed. High expression was found in heart and skeletal muscle.

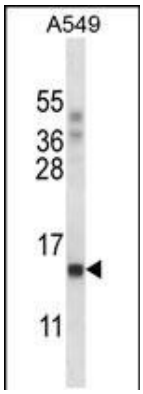
Background

This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene exists as a heterodimer with another polymerase subunit; together they form a core subassembly unit of the polymerase. Two similar genes are located nearby on chromosome 7q22.1 and a pseudogene is found on chromosome 7p13.

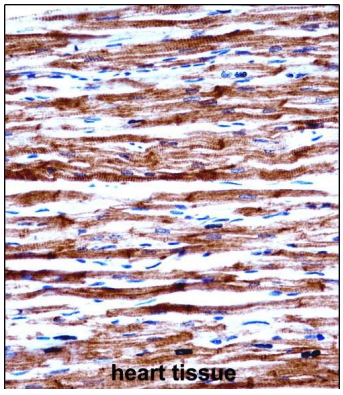
References

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Images



POLR2J Antibody (C-term) (Cat. #AP14259b) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the POLR2J antibody detected the POLR2J protein (arrow).



POLR2J Antibody (C-term) (AP14259b)immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of POLR2J Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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