



POLR2J1 Polyclonal Antibody

Catalog No	YP-Ab-01948
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC
Gene Name	POLR2J
Immunogen	The antiserum was produced against synthesized peptide derived from human RPB11. AA range:10-59
Specificity	POLR2J1 Polyclonal Antibody detects endogenous levels of POLR2J1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	hRPB14;POLR2J;POLR2J1;RPB11;RPB11A;RPB11m;DNA-directed RNA polymerase II subunit RPB11-a;RNA polymerase II subunit B11-a;DNA-directed RNA polymerase II subunit J-1;RNA polymerase II 13.3 kDa subunit
Observed Band	20kD
Calculated Molecular Weight	20kD
Cell Pathway	Nucleus .
Tissue Specificity	Ubiquitously expressed. High expression was found in heart and skeletal muscle.
Function	function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. Pol II is the central component of the basal RNA polymerase II transcription machinery. It is composed of mobile elements that move relative to each other. RPB11 is part of the core element with the central large cleft., similarity:Belongs to the archaeal rpoL/eukaryotic RPB11/RPC19 RNA polymerase subunit family.,subunit:Component of the RNA polymerase II (Pol II) complex consisting of 12 subunits. Interacts with AATF.,tissue specificity: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. [provided by RefSeq, Jul 2008],

matters needing attention

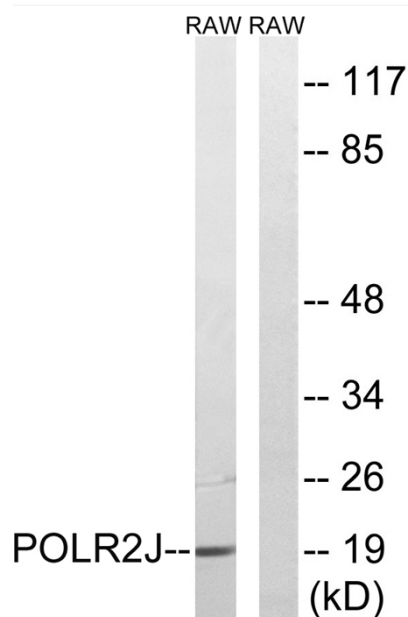
Avoid repeated freezing and thawing!

Usage suggestions

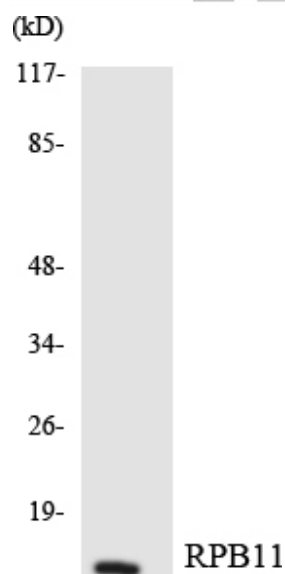
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



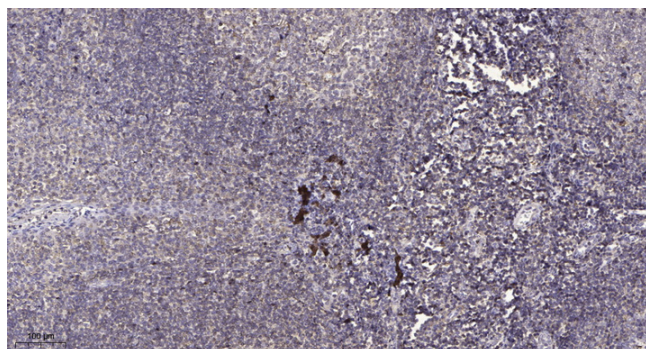
Products Images



Western blot analysis of lysates from RAW264.7 cells, using RPB11 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using RPB11 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).