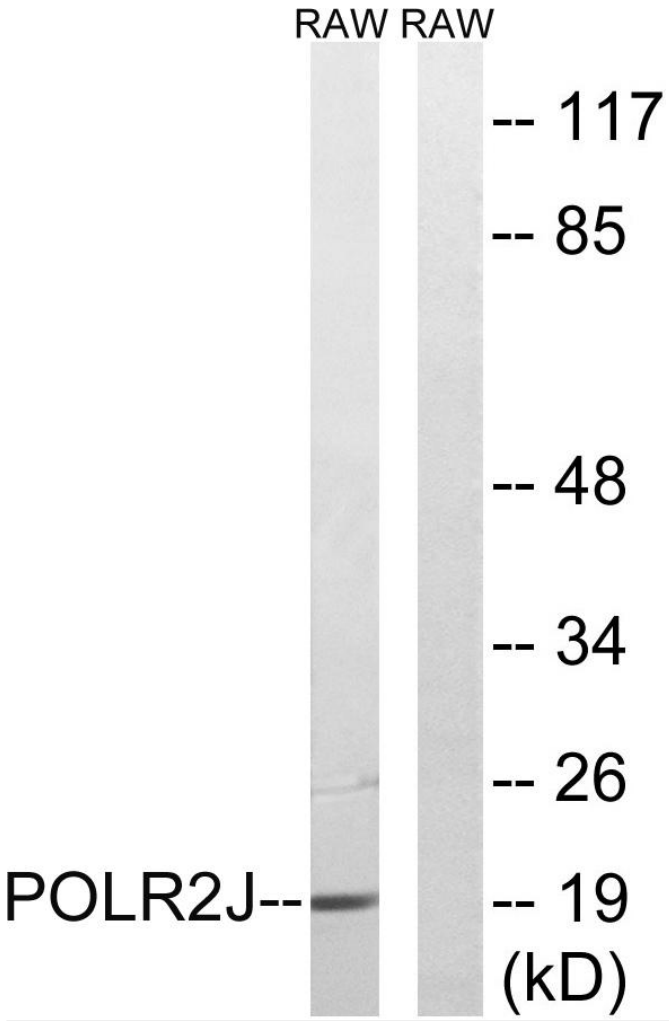
POLR2J1 Monoclonal Antibody

Catalog No	YP-mAb-01948
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	POLR2J
Protein Name	DNA-directed RNA polymerase II subunit RPB11-a
Immunogen	The antiserum was produced against synthesized peptide derived from human RPB11. AA range:10-59
Specificity	POLR2J1 Monoclonal Antibody detects endogenous levels of POLR2J1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	POLR2J; POLR2J1; 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 13.3 kDa subunit
Observed Band	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 various cells using POLR2J1 Monoclonal Antibody