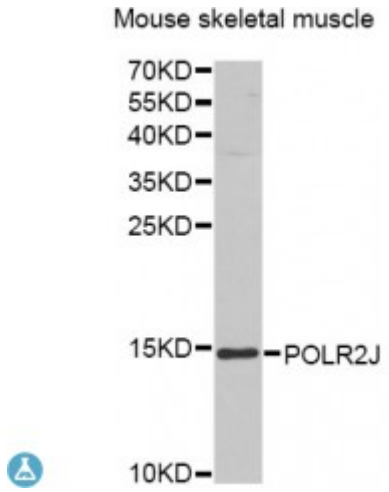
Anti-POLR2J Antibody



Description	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.

Model	STJ115586
Host	Rabbit
Reactivity	Human, Mouse
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-117 of human POLR2J (NP_006225.1).
Gene ID	5439
Gene Symbol	POLR2J
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Tissue Specificity	Ubiquitously expressed, High expression was found in heart and skeletal muscle
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	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
Molecular Weight	13.293 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9197OMIM:604150Reactome:R-HSA-112382
Alternative 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 13.3 kDa subunit
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 ,
Cellular Localization	Nucleus