

Rabbit POLR2J Polyclonal Antibody | anti-POLR2J antibody

POLR2J Antibody (C-Term)

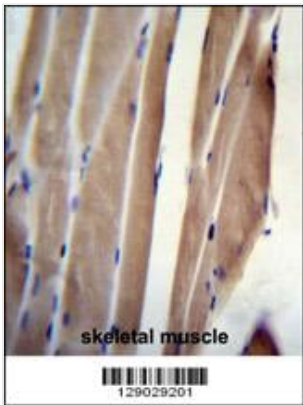
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286073	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

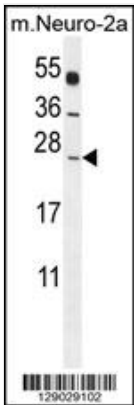
POLR2J; Polyclonal Antibody; POLR2J Antibody (C-Term); DNA-directed RNA polymerase II subunit RPB11-a; RNA polymerase II subunit B11-a; RPB11a; DNA-directed RNA polymerase II subunit J-1; RNA polymerase II 133 kDa subunit; POLR2J1; anti-POLR2J antibody

PRODUCT SPECIFICATIONS

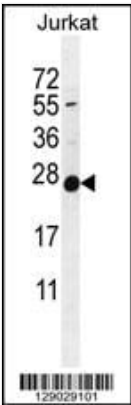
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This POLR2J antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 86-115 amino acids from the C-terminal region of human POLR2J.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	86-115
Sequence Length	117
Applicable Applications for anti-POLR2J antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
POLR2J Antibody (C-Term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle 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.



WB (Western Blot)
POLR2J Antibody (C-Term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the POLR2J antibody detected the POLR2J protein (arrow).



WB (Western Blot)
POLR2J Antibody (C-Term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the POLR2J antibody detected the POLR2J protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-POLR2J antibody	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	Michiels, S., et al. Carcinogenesis 30(5):763-768(2009) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005) Shpakovskii, D.G., et al. Bioorg. Khim. 30(6):621-625(2004) Zhou, M., et al. Proc. Natl. Acad. Sci. U.S.A. 100(22):12666-12671(2003) Kaehlcke, K., et al. Mol. Cell 12(1):167-176(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453932
NCBI GeneID	5439
NCBI Accession #	NP_006225.1
NCBI GenBank Nucleotide #	NM_006234.4

UniProt Accession #	P52435 ; O43375 ; A5D6V8
Molecular Weight	13293
NCBI Official Full Name	DNA-directed RNA polymerase II subunit RPB11-a
NCBI Official Synonym Full Names	polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa
NCBI Official Symbol	POLR2J
NCBI Official Synonym Symbols	RPB11; RPB11A; RPB11m; hRPB14; POLR2J1
NCBI Protein Information	DNA-directed RNA polymerase II subunit RPB11-a
UniProt Protein Name	DNA-directed RNA polymerase II subunit RPB11-a
UniProt Gene Name	POLR2J
UniProt Synonym Gene Names	POLR2J1; RNA polymerase II subunit B11-a; RPB11a
UniProt Entry Name	RPB11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/polr2j-antibody-immunohistochemistry-western-blot-elisa/286073>