

Rabbit POLR2J Polyclonal Antibody | anti-POLR2J antibody

POLR2J Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326418	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

POLR2J; Polyclonal Antibody; POLR2J Antibody; DNA directed RNA polymerase II subunit RPB11 a; DNA-directed RNA polymerase II 13.3 kDa polypeptide; DNA-directed RNA polymerase II subunit J 1; DNA-directed RNA polymerase II subunit J-1; DNA-directed RNA polymerase II subunit RPB11-a; hRPB 14; hRPB14; POLR2J1; POLR2J1; polymerase (RNA) II (DNA directed) polypeptide J 13.3kDa; RNA polymerase II 13.3 kDa subunit; RNA polymerase II subunit B11 a; RNA polymerase II subunit B11-a; RPB 11; RPB 11A; RPB 11m; RPB11; RPB11_HUMAN; RPB11a; RPB11m; Rpo2-4; anti-POLR2J antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	POLR2J antibody detects endogenous levels of total POLR2J
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	117
Applicable Applications for anti-POLR2J antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human POLR2J corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA326418 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of K562 whole cell lysates, using POLR2J Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA326418 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for 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. Similarity: Belongs to the archaeal RpoL/eukaryotic RPB11/RPC19 RNA polymerase subunit family.
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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	13 kDa
NCBI Official Full Name	DNA-directed RNA polymerase II subunit RPB11-a
NCBI Official Synonym Full Names	RNA polymerase II subunit J
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

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326418>