

Rabbit POLR2C Polyclonal Antibody | anti-POLR2C antibody

POLR2C Antibody (C-term)

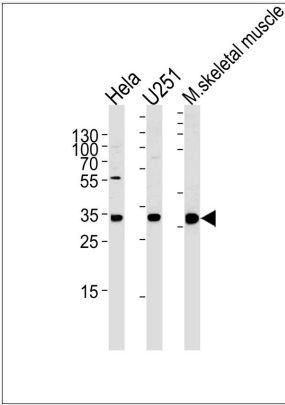
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287453	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Western Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

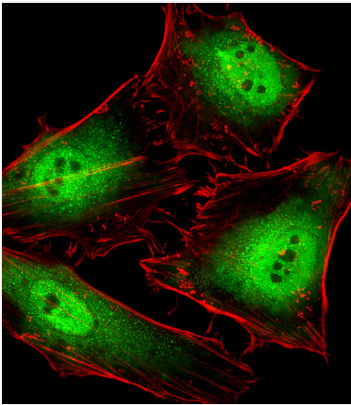
POLR2C; Polyclonal Antibody; POLR2C Antibody (C-term); DNA-directed RNA polymerase II subunit RPB3; RNA polymerase II subunit 3; RNA polymerase II subunit B3; DNA-directed RNA polymerase II 33 kDa polypeptide; RPB33; DNA-directed RNA polymerase II subunit C; RPB31; anti-POLR2C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This POLR2C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 200-228 amino acids from the C-terminal region of human POLR2C.
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	200-228
Sequence Length	275
Applicable Applications for anti-POLR2C antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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.



WB (Western Blot)
POLR2C Antibody (C-term) western blot analysis in HeLa,U251 cell line and mouse skeletal muscle tissue lysates (35ug/lane).This demonstrates the POLR2C antibody detected the POLR2C protein (arrow).



IF (Immunofluorescence)
Fluorescent image of HeLa cells stained with POLR2C Antibody (C-term). AAA287453 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-POLR2C antibody	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. RPB3 is part of the core element with the central large cleft and the clamp element that moves to open and close the cleft (By similarity).
Product Categories/Family for anti-POLR2C antibody	Crown Antibodies
References	Pati U.K., et al. J. Biol. Chem. 265:8400-8403(1990). Dammann R., et al. Biochim. Biophys. Acta 1396:153-157(1998). Bruno T., et al. Submitted (FEB-1998) to the EMBL/GenBank/DDBJ databases. Loftus B.J., et al. Genomics 60:295-308(1999). Bienvenut W.V., et al. Submitted (MAR-2009) to UniProtKB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14702171
NCBI GeneID	5432
NCBI Accession #	NP_116558.1
NCBI GenBank Nucleotide #	NM_032940.2
UniProt Accession #	P19387; O15161
Molecular Weight	31441
NCBI Official Full Name	DNA-directed RNA polymerase II subunit RPB3
NCBI Official Synonym Full Names	polymerase (RNA) II (DNA directed) polypeptide C, 33kDa
NCBI Official Symbol	POLR2C
NCBI Official Synonym Symbols	RPB3; RPB31; hRPB33; hsRPB3
NCBI Protein Information	DNA-directed RNA polymerase II subunit RPB3
UniProt Protein Name	DNA-directed RNA polymerase II subunit RPB3
UniProt Gene Name	POLR2C

UniProt Synonym Gene Names	RNA polymerase II subunit 3; RNA polymerase II subunit B3; RPB33
UniProt Entry Name	RPB3_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/polr2c-antibody-western-blot-immunofluorescence-elisa/287453>