

Rabbit anti-Human POLR2B Polyclonal Antibody | anti-POLR2B antibody

POLR2B antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60048	Rabbit	Human	Western Blot, Immunoprecipitation

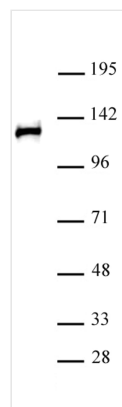
PRODUCT SYNONYMS

POLR2B; Polyclonal Antibody; POLR2B antibody (pAb); RPB2; POL2RB; hSRPB2; hRPB140; anti-POLR2B antibody

PRODUCT SPECIFICATIONS

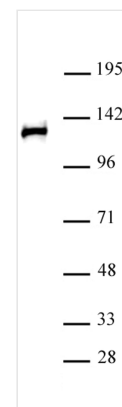
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-POLR2B antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	This antibody was raised against a peptide within the N-terminal region of human POLR2B.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

POLR2B antibody (pAb) tested by Western blot. Nuclear extract of HEK293 cells (30 ug) probed with POLR2B antibody (pAb) at a dilution of 1:1,500.



WB (Western Blot)

POLR2B antibody (pAb) tested by Immunoprecipitation. 10 ul of POLR2B antibody was used to immunoprecipitate POLR2B from 200 ug of HEK293 nuclear cell extract (lane 2). 10 ul of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the POLR2B antibody at a dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-POLR2B antibody	Short Description: Our POLR2B antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human samples. Background: POLR2B (polymerase (RNA) II (DNA directed) polypeptide B, 140 kDa) DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Second largest component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. Proposed to contribute to the polymerase catalytic activity and forms the polymerase active center together with the largest subunit. 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. RPB2 is part of the core element with the central large cleft, the clamp element that moves to open and close the cleft and the jaws that are thought to grab the incoming DNA template (By similarity).
Product Categories/Family for anti-POLR2B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505941
NCBI GeneID	5431
NCBI Accession #	NP_000929; AB_2614965
NCBI GenBank Nucleotide #	NM_000938
UniProt Accession #	P30876; Q8IZ61; A8K1A8; AAB23139
Molecular Weight	133,897 Da
NCBI Official Full Name	DNA-directed RNA polymerase II subunit RPB2 isoform 1
NCBI Official Synonym Full Names	polymerase (RNA) II (DNA directed) polypeptide B, 140kDa
NCBI Official Symbol	POLR2B
NCBI Official Synonym Symbols	RPB2; POL2RB; hRPB140
NCBI Protein Information	DNA-directed RNA polymerase II subunit RPB2; DNA-directed RNA polymerase II 140 kDa polypeptide; DNA-directed RNA polymerase II subunit B; RNA polymerase II second largest subunit; RNA polymerase II subunit 2; RNA polymerase II subunit B2
UniProt Protein Name	DNA-directed RNA polymerase II subunit RPB2
UniProt Gene Name	POLR2B
UniProt Entry Name	RPB2_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/polr2b-antibody-western-blot-immunoprecipitation-elisa/60048>