

Rabbit anti-Human POLR2D/RNA polymerase II RPB4 Polyclonal Antibody | anti-POLR2D antibody

Anti-POLR2D/RNA polymerase II RPB4 Antibody, Rabbit Polyclonal

CATALOG # AAA256355	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

POLR2D/RNA polymerase II RPB4; Polyclonal Antibody; Anti-POLR2D/RNA polymerase II RPB4 Antibody; Rabbit Polyclonal; POLR2D/RNA polymerase II RPB4 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-POLR2D Antibody; Anti-RNA polymerase II RPB4 Antibody; anti-POLR2D antibody

PRODUCT SPECIFICATIONS

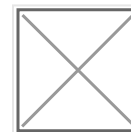
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human POLR2D/RNA polymerase II RPB4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-POLR2D antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human POLR2D/RNA polymerase II RPB4 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human POLR2D/RNA polymerase II RPB4 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

POLR2D was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-POLR2D rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-POLR2D rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 16 kDa Observed band size: 17 kDa



WB (Western Blot)

Anti-POLR2D rabbit polyclonal antibody at 1:500 dilution Lane A: A431 Whole Cell Lysate Lane B: Hela Whole Cell Lysate Lane C: HepG2 Whole Cell Lysate Lane D: MCF-7 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 16 kDa Observed band size: 18 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-POLR2D antibody	The DNA-dependent RNA polymerase II (EC 2.7.7.6) is responsible for the transcription of protein-encoding genes. It is composed of 10 to 14 subunits ranging in mass from approximately 220 kD (POLR2A) to approximately 7 kD (POLR2K). The POLR2D gene encodes the fourth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The full-length POLR2D cDNA encodes a 142-amino acid protein with a calculated molecular mass of 16.3 kD. The protein shares 98% sequence identity with its mouse homolog. In yeast, this polymerase subunit is associated with the polymerase under suboptimal growth conditions and may have a stress protective role.
References	Khazak V, et al. (1998) Analysis of the interaction of the novel rna polymerase ii (pol ii) subunit hsrpb4 with its partner hsrpb7 and with pol ii. Mol Cell Biol 18 (4): 1935-1945.

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/polr2d-rna-polymerase-ii-rpb4-antibody-immunoprecipitation-western-blot-elisa/256355>