

Rabbit anti-Human RPB2 Polyclonal Antibody | anti-POLR2B antibody

RPB2 antibody

CATALOG # AAA50470	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunoprecipitation
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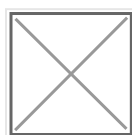
PRODUCT SYNONYMS

RPB2; Polyclonal Antibody; RPB2 antibody; RABBIT ANTI HUMAN RPB2; anti-POLR2B antibody

PRODUCT SPECIFICATIONS

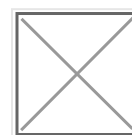
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antiserum to human RPB2 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Form/Format	Purified IgG - liquid Phosphate buffered saline 0.035% Sodium Azide (NaN ₃), 30% Glycerol
Applicable Applications for anti-POLR2B antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	A peptide within the N-terminal region of human RPB2
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20 degree C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8 degree C for short term use (up to 4 weeks) and store the remaining aliquots at -20 degree C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

IMAGES



WB (Western Blot)

Western blot analysis of HEK293 nuclear extract (30 ug) probed with RPB2 antibody (AAA50470) at a 1/500 dilution.



IP (Immunoprecipitation)

Immunoprecipitation of RPB2 from HEK293 nuclear extract (lane 2). 10 ul of rabbit IgG was used as a negative control (lane 1). Western blot analysis was performed using RPB2 antibody (AAA50470) at a 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-POLR2B antibody

Rabbit anti Human RPB2 antibody recognizes DNA-directed RNA polymerase II subunit RPB2. RPB2 is the second largest subunit of RNA polymerase II, the polymerase responsible for the synthesis of messenger RNA in eukaryotic cells. The RPB2 subunit combines with other polymerase subunits to form a structure within RNA polymerase II that maintains the contact between the DNA and the newly synthesized RNA within the active site of the enzyme

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505941
NCBI GeneID	5431
NCBI Accession #	NP_000929
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/rpb2-antibody-western-blot-immunoprecipitation-elisa/50470>