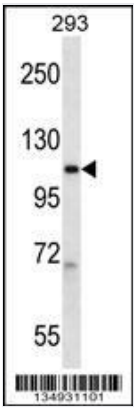
POLR2B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	POLR2B, Polyclonal Antibody
Full Product Name	POLR2B, ID (POLR2B, DNA-directed RNA polymerase II subunit RPB2, DNA-directed RNA polymerase II 140kD polypeptide, DNA-directed RNA polymerase II subunit B, RNA polymerase II subunit 2, RNA polymerase II subunit B2) (AP)
Product Gene Name	anti-POLR2B antibody
Product Synonym Names	POLR2B; DNA-directed RNA polymerase II subunit RPB2; DNA-directed RNA polymerase II 140kD polypeptide; DNA-directed RNA polymerase II subunit B; RNA polymerase II subunit 2; RNA polymerase II subunit B2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	133,897 Da
OMIM	180661
3D Structure	ModBase 3D Structure for P30876
Immunogen	POLR2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 796-826 amino acids from the Central region of human POLR2B.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-POLR2B antibody	Antibodies; Enzymes; Polymerase
Applications Tested/Suitable for anti-POLR2B antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-POLR2B antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-POLR2B antibody	This gene encodes the second largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit, in combination with at least two other polymerase subunits, forms a structure within the polymerase that maintains contact in the active site of the enzyme between the DNA template and the newly synthesized RNA. [provided by RefSeq].
Product References and Citations for anti-POLR2B antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Michiels, S., et al. Carcinogenesis 30(5):763-768(2009). Tu, S., et al. Nat. Struct. Mol. Biol. 15(4):419-421(2008). Lee, J.H., et al. Mol. Cell. Biol. 28(2):609-618(2008). Yamaguchi, Y., et al. Genes Cells 12(7):863-875(2007).

Other Notes	Small volumes of anti-POLR2B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for POLR2B purchase	MBS6335686 is an antibody targeting POLR2B. Also known as POLR2B, ID (POLR2B, DNA-directed RNA polymerase II subunit RPB2, DNA-directed RNA polymerase II 140kD polypeptide, DNA-directed RNA polymerase II subunit B, RNA polymerase II subunit 2, RNA polymerase II subunit B2) (AP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-POLR2B antibody
POLR2B Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the POLR2B antibody detected the POLR2B protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for POLR2B. It may not necessarily be applicable to this product.

NCBI GI #	4505941
NCBI GeneID	5431
NCBI Accession #	NP_000929.1
UniProt Primary Accession #	P30876
UniProt Secondary Accession #	Q8IZ61; A8K1A8
UniProt Related Accession #	P30876; AAB23139
GenBank Nucleotide #	NM_000938.1
NCBI Official Full Name	DNA-directed RNA polymerase II subunit RPB2
NCBI Official Synonym Full Names	polymerase (RNA) II (DNA directed) polypeptide B, 140kDa
NCBI Official Symbol	POLR2B
NCBI Official Synonym Symbols	RPB2; POL2RB; hsRPB2; hRPB140
UniProt Protein Name	DNA-directed RNA polymerase II subunit RPB2
UniProt Synonym Protein Names	DNA-directed RNA polymerase II 140 kDa polypeptide; DNA-directed RNA polymerase II subunit B; RNA polymerase II subunit 2; RNA polymerase II subunit B2
Protein Family	DNA-directed RNA polymerase
UniProt Gene Name	POLR2B
UniProt Entry Name	RPB2_HUMAN
NCBI Protein Information	DNA-directed RNA polymerase II subunit RPB2; RNA polymerase II subunit 2; RNA polymerase II subunit B2; DNA-directed RNA polymerase II subunit B; DNA-directed RNA polymerase II 140 kDa polypeptide; DNA directed RNA polymerase II 140 kDa polypeptide, RNA p

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