

DNAXPab

Hard-to-Find
Antibody

POLR1B DNAXPab

Catalog # H00084172-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human POLR1B DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MDPGSRWRNLPSPGSLKHLTDPSYGIPREQQKAALQELTRAHVESFNAYVHEGLGLAVQAIPPFE
FAFKDERISFTILDAVISPTVPKGTICKEANVYPAECRGRNSTYRGKLTADINWAVNGISKGLIKQFL
GYVPIMVKSCLCNLRNLPQALIEHHEEAEMGGYFIINGIEKVIRMLIMPRRNFIAMIRPKWKTRGP
GYTQYGVSMHCVREEHSAVNMMNLHYLENGTVMLNFIYRKELFFLPLGFALKALVSFSDYQIFQELIK
GKEDDSFLRNSVSQMLRIVMEEGCSTQKQVLNLYGECFRVKLNVPDWYPNEQAAEFLNQICIH
LKSNTKIFYMLCLMTRKLFALAKGECMEDNPDSLVNQEVLTPGQLFLMFLKEKLEGWLVSIIAF
DKKAQKTSVSMNTDNLMRIFTMGIDLT KPFEYLFATGNLRSKTGLGLLQDSGLCVVADKLNFIYLS
HFRCVHRGADFAKMRTTTRRLLPESWGFLCPVHTPDGEPCLMNLHTAVCEVVTQFVYTASIP
ALLCNLGVTPIDGAPHRYSYSECYPVLLDGVMVGWVDKDLAPGIADSLRHFKVLREKRIPPWMEVV
LIPMTGKPSLYPGLFLFTTPCRLVRPVQNLALGKEELIGTMEQIFMNVAIFEDEVFAGVTTHQELFP
HSLLSVIANFIPFSDHNQSPRNMYYQCQMGKQTMGFLLTYQDRSDNKL YRLQTPQSPLVRPSMYD
YYDMDNYPIGNANAVISYTYGDMEDAMVNKASWERGFAHGSVYKSEFIDLSEKIKQGDSSLVFGI
KPGDPRVLQKLDLDDGLPFIGAKLQYGDPPYSYLNLTGESFVMMYKSKENCVDNIKVCSDNTGS
GKFKCVCITMRVPRNPTIGDKFASRHGQKGILSRLWPAEDMPFTESGMVDPDILFNPHGFP SRMTIG
MLIESMAGKSAALHGLCHDATPFIFSEENSALEYGEMLKAAGNIFYGTERLYSGISGLELEADIFIG
VYYQRLRHMVSDKFQVRTTGARDRVTNQPIGGRNVQGGIRFGEMERDALLAHGTSFLLHDLRFN
CSDRSVAHVCVKCGSLLSPLEKPPPSWSAMRNRKYNCTLCRSRSDTIDTVSVPYVFRYFVAELA
AMNIKVKLDVV

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — POLR1B

Entrez GeneID [84172](#)

GeneBank Accession# [NM_019014.3](#)

Protein Accession# [NP_061887.2](#)

Gene Name POLR1B

Gene Alias FLJ10816, FLJ21921, MGC131780, RPA135, RPA2, Rpo1-2

Gene Description polymerase (RNA) I polypeptide B, 128kDa

Omim ID [602000](#)

Gene Ontology [Hyperlink](#)

Gene Summary Eukaryotic RNA polymerase I (pol I) is responsible for the transcription of ribosomal RNA (rRNA) genes and production of rRNA, the primary component of ribosomes. Pol I is a multisubunit enzyme composed of 6 to 14 polypeptides, depending on the species. Most of the mass of the pol I complex derives from the 2 largest subunits, Rpa1 and Rpa2 in yeast. POLR1B is homologous to Rpa 2 (Seither and Grummt, 1996 [PubMed 8921381]).[supplied by OMIM]

Other Designations DNA-directed RNA polymerase I 135kDa polypeptide|RNA polymerase I polypeptide B|RNA polymerase I subunit 2

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

- [RNA polymerase](#)