

Datasheet for ABIN2783529

anti-POLR1B antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	POLR1B
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Rabbit, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR1B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human POLR1B
Sequence:	SDKFQVRTTG ARDRVTNQPI GGRNVQGGIR FGEMERDALL AHGTSFLLHD
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 100%, Rat: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against POLR1B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	POLR1B
---------	--------

Target Details

Alternative Name:	POLR1B (POLR1B Products)
Background:	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 Rpa2 (Seither and Grummt, 1996 [PubMed 8921381]). Alias Symbols: FLJ10816, FLJ21921, MGC131780, RPA135, Rpo1-2, RPA2 Protein Interaction Partner: UBC, RPA3, RPA2, RPA1, RRN3, HDAC6, GIT2, MED20, NMI, LDB1, ZNF207, RPL37, CCND1, AKT2, ACTA1, ERBB2, ACTB, TSR1, POLR1D, POLR1A, CD3EAP, NOP56, POLR1C, DHX8, CAND1, ARRB2, LZTR1, TAF1D, USP11, POLR1E, EIF3L, NFKBIB, POLR1B, ESR1, RIBIN, Protein Size: 1135
Molecular Weight:	128 kDa
Gene ID:	84172
NCBI Accession:	NM_019014 , NP_061887
UniProt:	Q9H9Y6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1135 AA
Restrictions:	For Research Use only

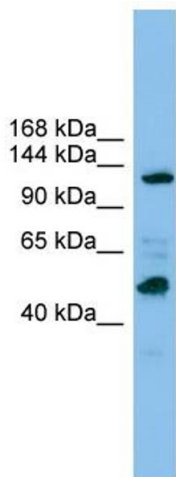
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-POLR1B Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: ACHN cell lysate