

Datasheet for ABIN2783504
anti-POLR1D antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	POLR1D
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR1D antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human POLR1D
Sequence:	TRGTLPAVEP FQRGLNELMN VCQHVLDFE ASIKDYKDQK ASRNESTF
Predicted Reactivity:	Cow: 86%, Dog: 93%, Human: 100%, Rabbit: 86%
Characteristics:	This is a rabbit polyclonal antibody against POLR1D. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	POLR1D
Alternative Name:	POLR1D (POLR1D Products)

Target Details

Background:	<p>POLR1D belongs to the archaeal rpoL/eukaryotic RPB11/RPC19 RNA polymerase subunit family. DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. POLR1D is the common core component of RNA polymerases I and III which synthesize ribosomal RNA precursors and small RNAs, such as 5S rRNA and tRNAs.</p> <p>Alias Symbols: FLJ20616, MGC9850, POLR1C, RPA16, RPA9, RPAC2, RP01-3, AC19, TCS2, RPC16</p> <p>Protein Interaction Partner: POLR1C, UBC, DNAJB4, HAX1, DNAJB6, MRPL12, PXN, NR3C1, E2F4, DDIT3, CRKL, CDC25A, POLR3H, POLR1B, POLR3B, CRCP, POLR1A, POLR3A, POLR2C, POLR3D, GRB2, NFKBIB, MAGEA11, CD3EAP,</p> <p>Protein Size: 133</p>
Molecular Weight:	15 kDa
Gene ID:	51082
NCBI Accession:	NM_015972 , NP_057056
UniProt:	Q9Y2S0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 133 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.
Storage:	-20 °C

Handling

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-POLR1D Antibody Titration:
0.2-1 ug/ml Positive Control: Human Lung