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# anti-POLR1D antibody (Middle Region)



Image



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Alternative Name:

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 VCQHVLDKFE 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	

POLR1D (POLR1D Products)

## **Target Details**

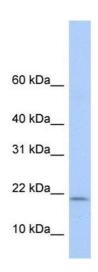
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Background:	POLR1D belongs to the archaeal rpoL/eukaryotic RPB11/RPC19 RNA polymerase subunit		
	family. DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the		
	four ribonucleoside triphosphates as substrates. POLR1D is the common core component of		
	RNA polymerases I and III which synthesize ribosomal RNA precursors and small RNAs, such		
	as 5S rRNA and tRNAs.		
	Alias Symbols: FLJ20616, MGC9850, POLR1C, RPA16, RPA9, RPAC2, RPO1-3, AC19, TCS2,		
	RPC16		
	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,		
	Protein Size: 133		
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