

Datasheet for ABIN2783453
anti-POLR2K antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	POLR2K
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio), Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR2K antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human POLR2K
Sequence:	DTQKDVQPPK QQPMIYICGE CHTENEIKSR DPIRCRECGY RIMYKKRTRK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against POLR2K. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	POLR2K
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Target Details

Alternative Name:	POLR2K (POLR2K Products)
Background:	<p>POLR2K is one of the smallest subunits of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases. This gene encodes one of the smallest subunits of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: ABC10-alpha, RPABC4, RPB10alpha, RPB12, RPB7.0, hRPB7.0, hsRPB10a</p> <p>Protein Interaction Partner: TCEB3, SRC, PSMB9, ESR1, MED19, MED26, APP, tat, POLR2D, POLR2E, POLR2C, SMYD3, POLR2H, POLR2K, BRCA1, POLR2J, POLR2G, POLR2F, POLR2B, POLR2A, MED10,</p> <p>Protein Size: 58</p>
Molecular Weight:	7 kDa
Gene ID:	5440
NCBI Accession:	NM_005034 , NP_005025
UniProt:	P53803
Pathways:	Regulatory RNA Pathways

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 58 AA
Restrictions:	For Research Use only

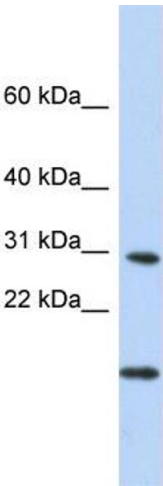
Handling

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

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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-POLR2K Antibody Titration:
0.2-1 ug/ml Positive Control: Human brain