

Datasheet for ABIN954239

anti-POLR2B antibody (Middle Region)



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1 Image

Overview

Quantity:	0.4 mL
Target:	POLR2B
Binding Specificity:	AA 796-826, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR2B antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 796-826 amino acids from the Central region of human POLR2B
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human POLR2B (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	POLR2B
Alternative Name:	POLR2B / RPB2 (POLR2B Products)
Background:	This gene encodes the second largest subunit of RNA polymerase II, the polymerase

Target Details

responsible for synthesizing messenger RNA in eukaryotes. This subunit, in combination with at least two other polymerase subunits, forms a structure within the polymerase that maintains contact in the active site of the enzyme between the DNA template and the newly synthesized RNA. [provided by RefSeq].Synonyms: DNA-directed RNA polymerase II 140 kDa polypeptide, DNA-directed RNA polymerase II subunit RPB2, RNA polymerase II subunit B2, RPB140

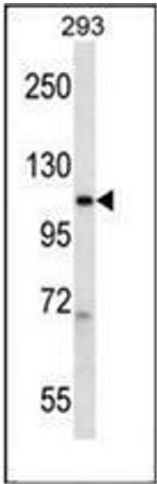
Molecular Weight:	133897 Da
Gene ID:	5431
NCBI Accession:	NP_000929
Pathways:	Regulatory RNA Pathways , DNA Damage Repair

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of POLR2B Antibody (Center) in 293 cell line lysates (35ug/lane). This demonstrates the POLR2B antibody detected the POLR2B protein (arrow).