

Datasheet for ABIN2460473
anti-POLR2B antibody



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1 Image

Overview

Quantity:	100 µL
Target:	POLR2B
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR2B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human POLR2B.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	POLR2B
Alternative Name:	POLR2B (POLR2B Products)
Background:	POLR2B encodes the second largest subunit of RNA polymerase II, the polymerase 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.
Molecular Weight:	134 kDa

Target Details

Gene ID:	5431
NCBI Accession:	NP_000929
UniProt:	P30876
Pathways:	Regulatory RNA Pathways , DNA Damage Repair

Application Details

Application Notes:	POLR2B antibody can be used for detection of POLR2B by ELISA at 1:1562500. POLR2B antibody can be used for detection of POLR2B by western blot at 0.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store POLR2B antibody at -20 °C.



Western Blotting

Image 1.