

Datasheet for ABIN927382 **anti-POLR2B antibody (Middle Region)**



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1 Image

Overview

Quantity:	100 µL
Target:	POLR2B
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Xenopus laevis, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR2B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	POLR2 B antibody was raised in rabbit using the middle region of POLR2 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Dog (Canine), Cow (Bovine), Pig (Porcine), Frog, Chicken
Purification:	Purified

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.

Target Details

Synonyms: Polyclonal POLR2B antibody, Anti-POLR2B antibody, polymerase, RNA II, DNA directed polypeptide B, 140kDa antibody.

Pathways: [Regulatory RNA Pathways](#), [DNA Damage Repair](#)

Application Details

Application Notes: WB: 0.2-1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: POLR2B Blocking Peptide, catalog no. 33R-2895, is also available for use as a blocking control in assays to test for specificity of this POLR2B antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

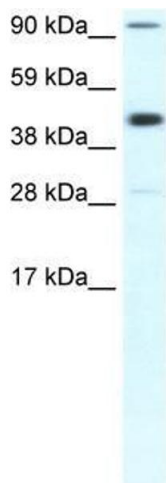
Buffer: Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. POLR2B antibody used at 0.2-1 ug/ml to detect target protein.