

Datasheet for ABIN1885622  
**anti-POLR2B antibody (AA 1-142)**



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## Overview

|                      |                                                                            |
|----------------------|----------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                     |
| Target:              | POLR2B                                                                     |
| Binding Specificity: | AA 1-142                                                                   |
| Reactivity:          | Human                                                                      |
| Host:                | Rabbit                                                                     |
| Clonality:           | Polyclonal                                                                 |
| Conjugate:           | This POLR2B antibody is un-conjugated                                      |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF) |

## Product Details

|               |                                                                                                                  |
|---------------|------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 142 of POLR2B |
| Purification: | Purified by antigen-affinity chromatography.                                                                     |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | POLR2B                                                                                                                                                                                                                                                                                                                                                                   |
| Alternative Name: | POLR2B ( <a href="#">POLR2B Products</a> )                                                                                                                                                                                                                                                                                                                               |
| Background:       | This gene 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 |

## Target Details

|                   |                                                                             |
|-------------------|-----------------------------------------------------------------------------|
|                   | RNA.[provided by RefSeq]                                                    |
| Molecular Weight: | 134 kDa                                                                     |
| Gene ID:          | 5431                                                                        |
| NCBI Accession:   | <a href="#">NP_000929</a> , <a href="#">NM_000938</a>                       |
| Pathways:         | <a href="#">Regulatory RNA Pathways</a> , <a href="#">DNA Damage Repair</a> |

## Application Details

|                    |                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Suggested dilutions:<br>Western blotting: 1.500-1.3000<br>Immunohistochemistry: 1.50-1.500<br>Immunofluorescence: 1.100-1.200 |
| Restrictions:      | For Research Use only                                                                                                         |

## Handling

|                    |                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                |
| Buffer:            | 0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0).0.01 % Thimerosal was added as a preservative. |
| Preservative:      | Thimerosal (Merthiolate)                                                                              |
| Precaution of Use: | Biohazard Informations: This product contains thimerosal which is hazardous.                          |
| Storage:           | 4 °C/-20 °C                                                                                           |
| Storage Comment:   | Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.           |