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## Datasheet for ABIN6944797 **anti-RPS19 antibody**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | RPS19  |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Rabbit   |
| Clonality:   | Monoclonal   |
| Conjugate:   | This RPS19 antibody is un-conjugated   |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Full length recombinant protein of RPS19 |
| Clone:            | 1C1                                      |
| Isotype:          | IgG                                      |
| Cross-Reactivity: | Human, Mouse, Rat                        |
| Purification:     | Purified by Protein A.                   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | RPS19  |
| Alternative Name: | RPS19 ( <a href="#">RPS19 Products</a> )   |
| Background:       | Synonyms: 40S ribosomal protein S19, Small ribosomal subunit protein eS19, RPS19.<br>Background: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S |

## Target Details

subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPS19 is a ribosomal protein that is a component of the 40S subunit. RPS19 belongs to the S19E family of ribosomal proteins. It is located in the cytoplasm. Mutations in this gene cause Diamond-Blackfan anemia (DBA), a constitutional erythroblastopenia characterized by absent or decreased erythroid precursors, in a subset of patients. This suggests a possible extra-ribosomal function for this gene in erythropoietic differentiation and proliferation, in addition to its ribosomal function. Higher expression levels of this gene in some primary colon carcinomas compared to matched normal colon tissues has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

|           |   |
|-----------|---|
| Gene ID:  | 6223  |
| UniProt:  | <a href="#">P39019</a>  |
| Pathways: | <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Ribonucleoprotein Complex Subunit Organization</a> , <a href="#">Ribosome Assembly</a> |

## Application Details

|                    |                                  |
|--------------------|----------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400 |
| Restrictions:      | For Research Use only            |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 1xTBS ( pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.                   |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.     |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Handling

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Expiry Date: 12 months