

Datasheet for ABIN2462056

anti-RPL13 antibody[Go to Product page](#)**1** Image

Overview

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| Quantity: | 100 µL |
| Target: | RPL13 |
| Reactivity: | Human, Mouse, Dog |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RPL13 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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| Immunogen: | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human RPL13. |
| Purification: | Antibody is purified by protein A chromatography method. |

Target Details

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| Target: | RPL13 |
| Alternative Name: | RPL13 (RPL13 Products) |
| Background: | Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPL13 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L13E family of ribosomal proteins. It is located in the cytoplasm. This gene is expressed at significantly higher levels in benign breast lesions than in |

Target Details

breast carcinomas. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L13E family of ribosomal proteins. It is located in the cytoplasm. This gene is expressed at significantly higher levels in benign breast lesions than in breast carcinomas. Transcript variants derived from alternative splicing and/or alternative polyadenylation exist, these variants encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L13E family of ribosomal proteins. It is located in the cytoplasm. This gene is expressed at significantly higher levels in benign breast lesions than in breast carcinomas. Transcript variants derived from alternative splicing and/or alternative polyadenylation exist, these variants encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

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|-------------------|--------------------------------|
| Molecular Weight: | 23 kDa, 24 kDa, 24 kDa, 24 kDa |
|-------------------|--------------------------------|

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| Gene ID: | 6137 |
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|-----------------|---------------------------|
| NCBI Accession: | NP_000968 |
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| UniProt: | P26373 |
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Application Details

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| Application Notes: | RPL13 antibody can be used for detection of RPL13 by ELISA at 1:1562500. RPL13 antibody can be used for detection of RPL13 by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
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| Restrictions: | For Research Use only |
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Handling

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|---------|-------------|
| Format: | Lyophilized |
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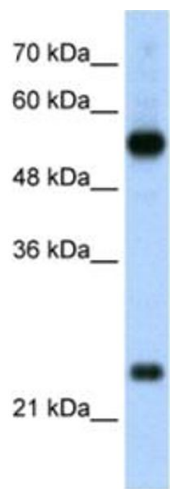
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| Reconstitution: | Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL. |
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| Concentration: | 1 mg/mL |
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Handling

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| 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 RPL13 antibody at -20 °C. |

Images



Western Blotting

Image 1.