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Datasheet for ABIN7116352  
**anti-MRPL28 antibody**

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µg  |
| Target:      | MRPL28  |
| Reactivity:  | Human, Rat  |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP) |

### Product Details

|               |                                     |
|---------------|-------------------------------------|
| Immunogen:    | mitochondrial ribosomal protein L28 |
| Isotype:      | IgG                                 |
| Purification: | Immunogen affinity purified         |
| Purity:       | ≥95 % as determined by SDS-PAGE     |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | MRPL28  |
| Alternative Name: | MRPL28 ( <a href="#">MRPL28 Products</a> )  |
| Background:       | Synonyms:MAAT1 Background:Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75 % protein to rRNA composition compared to prokaryotic ribosomes, where this |

## Target Details

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ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein, a part of which was originally isolated by its ability to recognize tyrosinase in an HLA-A24-restricted fashion.

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Molecular Weight: 30 kDa

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Gene ID: 10573

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UniProt: [Q13084](#)

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Pathways: [Mitotic G1-G1/S Phases](#)

## Application Details

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Application Notes: WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:50 - 1:100, IP: 1:50 - 1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3 ,

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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Expiry Date: 12 months