

Datasheet for ABIN2463992

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

Overview

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

Product Details

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|---------------|---|
| Immunogen: | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human PARL. |
| Purification: | Antibody is purified by peptide affinity chromatography method. |

Target Details

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|-------------------|---|
| Target: | PARL |
| Alternative Name: | PARL (PARL Products) |
| Background: | PARL is a mitochondrial integral membrane protein. Following proteolytic processing of this protein, a small peptide (P-beta) is formed and translocated to the nucleus. PARL may be involved in signal transduction via regulated intramembrane proteolysis of membrane-tethered precursor proteins. Variation in its gene has been associated with increased risk for type 2 diabetes. This gene encodes a mitochondrial integral membrane protein. Following proteolytic |

Target Details

processing of this protein, a small peptide (P-beta) is formed and translocated to the nucleus. This gene may be involved in signal transduction via regulated intramembrane proteolysis of membrane-tethered precursor proteins. Variation in this gene has been associated with increased risk for type 2 diabetes. Alternative splicing results in multiple transcript variants encoding different isoforms.

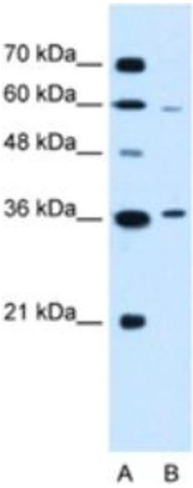
| | |
|-------------------|------------------------------|
| Molecular Weight: | 36 kDa, 42 kDa |
| Gene ID: | 55486 |
| NCBI Accession: | NP_001032728 |
| Pathways: | Autophagy |

Application Details

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|--------------------|---|
| Application Notes: | PARL antibody can be used for detection of PARL by ELISA at 1:312500. PARL antibody can be used for detection of PARL by western blot at 0.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL. |
| Concentration: | 1 mg/mL |
| 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 PARL antibody at -20 °C. |



Western Blotting

Image 1.