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Datasheet for ABIN2782038
anti-PARL antibody (N-Term)

5 Images

1 Publication

Overview

Quantity:	100 µL
Target:	PARL
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Pig, Rabbit, Horse, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PARL
Sequence:	SLIKPLFFTV GFTGCAFGSA AIWQYESLKS RVQSYFDGIK ADWLDSIRPQ
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%,
Characteristics:	This is a rabbit polyclonal antibody against PARL. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	PARL
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Target Details

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 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.

Alias Symbols: PRO2207, PSARL, PSARL1, PSENIP2, RHBDS1

Protein Interaction Partner: UBC, PINK1,

Protein Size: 329

Molecular Weight: 36 kDa

Gene ID: 55486

NCBI Accession: [NM_001037639](#), [NP_001032728](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 329 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

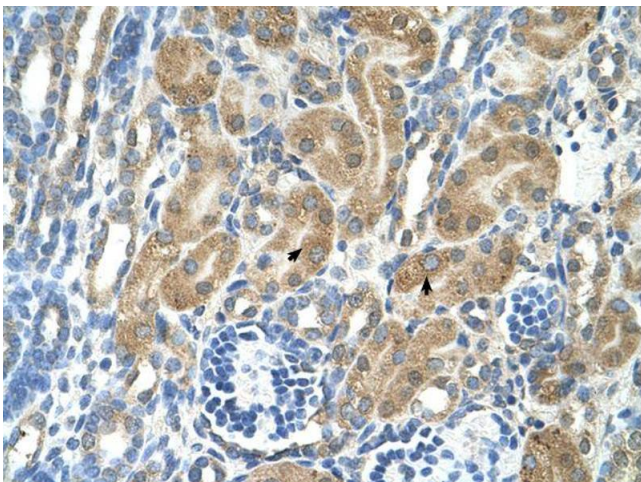
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

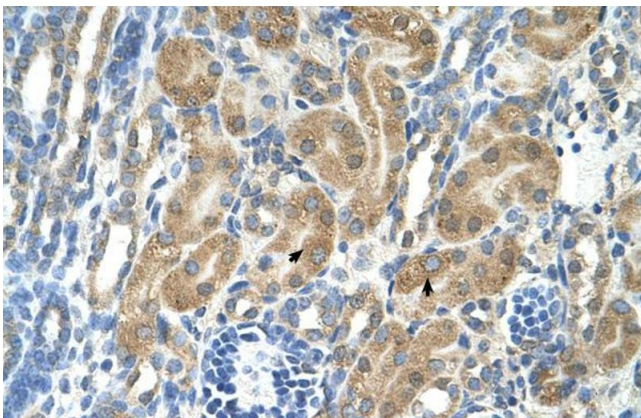
Product cited in: Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: **Nucleic acids research**, Vol. 34, Issue Database issue, pp. D415-8, (2005) ([PubMed](#)).

Images



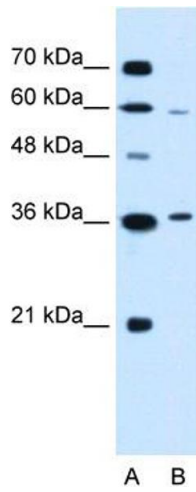
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Human kidney



Western Blotting

Image 3. WB Suggested Anti-PARL Antibody Titration: 0.5ug/ml Positive Control: Jurkat cell lysate PARL is supported by BioGPS gene expression data to be expressed in Jurkat

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2782038.