

PARL Polyclonal Antibody

Catalog NumberPA5-20579

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	A 15 amino acid peptide from near the amino terminus of human PARL.	Western Blot (WB)	1-2 µg/mL
Conjugate	Unconjugated	Immunocytochemistry (ICC/IF)	2.5 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

Despite its predicted molecular weight of ~42kDa, PARL is observed at a higher molecular weight in SDS-PAGE. A suggested positive control is NIH-3T3 cell lysate. PA5-20579 can be used with blocking peptide PEP-0699.

Background/Target Information

This gene encodes a mitochondrial integral membrane protein. Following proteolytic processing of this protein, a small peptide 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.

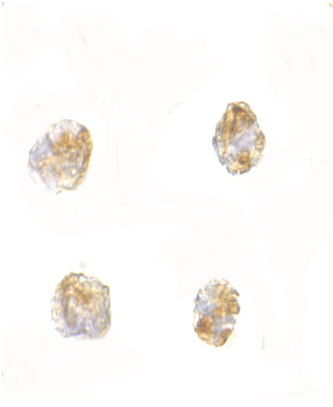
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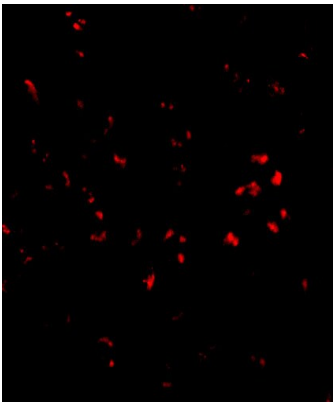
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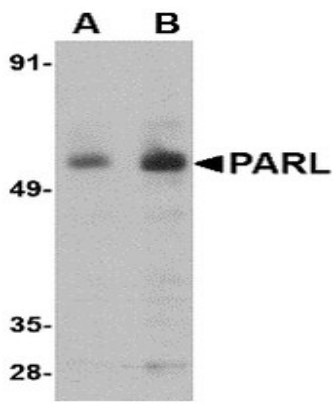
Product Images For PARL Polyclonal Antibody



PARL Antibody (PA5-20579) in ICC/IF
Immunocytochemistry of PARL in 3T3 cells with PARL Polyclonal Antibody (Product # PA5-20579) at 2.5 µg/mL.



PARL Antibody (PA5-20579) in ICC/IF
Immunofluorescence of PARL in 3T3 cells with PARL Polyclonal Antibody (Product # PA5-20579) at 2.5 µg/mL.



PARL Antibody (PA5-20579) in WB
Western Blot analysis of PARL in 3T3 cell lysate with PARL Polyclonal Antibody (Product # PA5-20579) at (A) 1 and (B) 2 µg/mL.

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