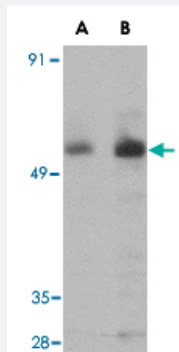


PARL polyclonal antibody

Catalog # PAB13061

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of PARL in NIH/3T3 cell lysate with PARL polyclonal antibody (Cat # PAB13061) at (A) 1 and (B) 2 ug/mL .



Immunocytochemistry

Immunocytochemical staining of BALB/3T3 cells with 2.5 ug/mL PARL polyclonal antibody (Cat # PAB13061).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PARL.
Immunogen	A synthetic peptide corresponding to N-terminus 15 amino acids of human PARL.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of PARL in NIH/3T3 cell lysate with PARL polyclonal antibody (Cat # PAB13061) at (A) 1 and (B) 2 ug/mL

- Immunocytochemistry

Immunocytochemical staining of BALB/3T3 cells with 2.5 ug/mL PARL polyclonal antibody (Cat # PAB13061).

Gene Info — PARL

Entrez GeneID	55486
Protein Accession#	Q9H300
Gene Name	PARL
Gene Alias	PRO2207, PSARL, PSARL1, PSENIP2, RHBDS1
Gene Description	presenilin associated, rhomboid-like
Omim ID	607858
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	mitochondrial intramembrane-cleaving protease PARL rhomboid 7 homolog 1

Publication Reference

- [Hax1-mediated processing of HtrA2 by Parl allows survival of lymphocytes and neurons.](#)

Chao JR, Parganas E, Boyd K, Hong CY, Opferman JT, Ihle JN.

Nature 2008 Feb; 452(7183):98.

- [Mitochondrial rhomboid PARL regulates cytochrome c release during apoptosis via OPA1-dependent cristae remodeling.](#)

Cipolat S, Rudka T, Hartmann D, Costa V, Serneels L, Craessaerts K, Metzger K, Frezza C, Annaert W, D'Adamio L, Derks C, Dejaegere T, Pellegrini L, D'Hooge R, Scorrano L, De Strooper B.

Cell 2006 Jul; 126(1):163.

Application: WB, Mouse, MEFs, Mouse liver mitochondria

- [PAMP and PARL, two novel putative metalloproteases interacting with the COOH-terminus of Presenilin-1 and -2.](#)

Pellegrini L, Passer BJ, Canelles M, Lefterov I, Ganjei JK, Fowlkes BJ, Koonin EV, D'Adamio L.

Journal of Alzheimer's Disease 2001 Apr; 3(2):181.

Application: IF, WB-Tr, Human, Monkey, HEK 293, COS-7 cells

Disease

- [Albuminuria](#)
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- [Diabetic Angiopathies](#)
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