

Rabbit PARL Polyclonal Antibody | anti-PARL antibody

PARL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307469	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PARL; Polyclonal Antibody; PARL Antibody; Presenilin-associated rhomboid-like protein; PSARL; PSARL1; PSNENIP2; anti-PARL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	329
Applicable Applications for anti-PARL antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide from near the amino terminus of human PARL.
Target Name	PARL
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of PARL in 3T3 cells with PARL antibody at 2.5 ug/mL.


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PARL antibody	PARL is a mitochondrial integral membrane protein and a member of the highly conserved rhomboid superfamily of membrane proteins. PARL is required for the control of apoptosis during postnatal growth and is required for the processing of OPA1, a protein that prevents the release of cytochrome C from the mitochondria in response to apoptotic signals. In lymphocytes and neurons, PARL's association with other proteins, such as the Bcl-2 family-related protein Hax1 and Omi can lead to the proteolytic processing of Omi by PARL, preventing the accumulation of Bax, thereby suppressing apoptosis. Variations in this gene have been associated with increased risk for type 2 diabetes. PARL may also play a role in the progression of Alzheimer's disease through its associations with presenilin-1 and -2. Multiple isoforms of PARL are known to exist.
Product Categories/Family for anti-PARL antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	83641878
NCBI GeneID	55486
NCBI Accession #	NP_001032728.1
NCBI GenBank Nucleotide #	NM_001037639.1
UniProt Accession #	Q9H300; Q96CQ4; Q9BTJ6; Q9P1E3
Molecular Weight	36,589 Da
NCBI Official Full Name	presenilins-associated rhomboid-like protein, mitochondrial isoform 2 preproprotein
NCBI Official Synonym Full Names	presenilin associated, rhomboid-like
NCBI Official Symbol	PARL
NCBI Official Synonym Symbols	PSARL; PSARL1; RHBDS1; PRO2207; PSENIP2
NCBI Protein Information	presenilins-associated rhomboid-like protein, mitochondrial
UniProt Protein Name	Presenilins-associated rhomboid-like protein, mitochondrial
UniProt Gene Name	PARL
UniProt Synonym Gene Names	PSARL; Pbeta
UniProt Entry Name	PARL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/parl-antibody-immunocytochemistry-western-blot-elisa/307469>