

Rabbit PARL Polyclonal Antibody | anti-PARL antibody

PARL antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199495	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

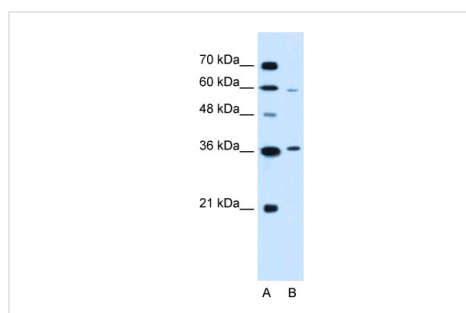
PRODUCT SYNONYMS

PARL; Polyclonal Antibody; PARL antibody - N-terminal region; anti-PARL antibody

PRODUCT SPECIFICATIONS

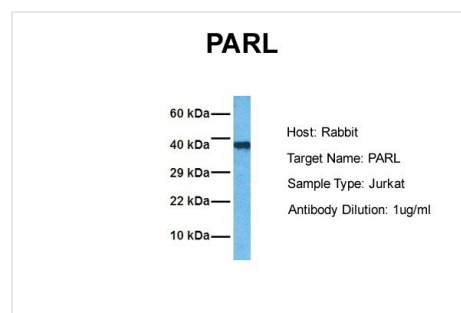
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SL IKPLFFTVGF TGCAFGSAI WQYESLKSRV QSYFDGIKAD WLDSIRPQ
Sequence Length	329
Applicable Applications for anti-PARL antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%;
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PARL
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



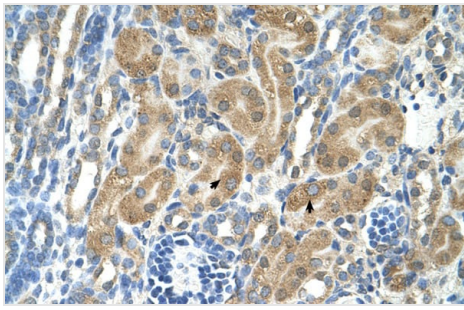
WB (Western Blot)

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



WB (Western Blot)

Host: Rabbit Target Name: PARL Sample Tissue: Human Jurkat Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-PARL antibody	This is a rabbit polyclonal antibody against PARL. It was validated on Western Blot and immunohistochemistry Target Description: 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.
Product Categories/Family for anti-PARL antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	83641878
NCBI GeneID	55486
NCBI Accession #	NP_001032728
NCBI GenBank Nucleotide #	NM_001037639
UniProt Accession #	Q9H300
Molecular Weight	36kDa
NCBI Official Full Name	presenilins-associated rhomboid-like protein, mitochondrial isoform 2
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.