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Datasheet for ABIN1607894 **anti-PARL antibody (C-Term)**

Overview

Quantity:	100 µg
Target:	PARL
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Chicken, Primate
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Fluorescence Microscopy (FM)

Product Details

Immunogen:	PARL affinity purified antibody was prepared from whole rabbit serum produced by repeated immunization from a synthetic peptide corresponding to the C terminus region of human PARL. Immunogen Type: Peptide
Cross-Reactivity (Details):	Cross reactivity with PARL (presenilin associated, rhomboid-like) from other sources has not been determined.
Purity:	Anti-PARL was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody is specific towards PARL. A BLAST analysis was used to suggest cross-reactivity with Human, Mouse, Rat, Chicken, and Primate based on 100 % sequence homology.
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	PARL
Alternative Name:	PARL (PARL Products)
Background:	PARL (presenilin associated, rhomboid-like) 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. Anti-PARL antibodies are ideal for researchers interested in Apoptosis, Alzheimers Research, Neuroscience, and Mitochondrial Fusion Proteins research. Synonyms: EC 3.4.21.105, mitochondrial, presenilin associated, rhomboid-like, PRO2207, rhomboid 7 homolog 1
Gene ID:	55486
NCBI Accession:	NP_061092
UniProt:	Q9H300
Pathways:	Autophagy

Application Details

Application Notes:	<p>Anti-PARL antibody is useful for ELISA and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~42.2 kDa corresponding to the appropriate cell lysate or extract.</p> <p>ELISA Dilution: 1:20.000 - 1:60.000</p> <p>Immunohistochemistry Dilution: 1:100-1:500</p> <p>IF Microscopy Dilution: 1:100-1:500</p> <p>Western Blot Dilution: 1 µg/mL</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.86 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 50 % (v/v) Glycerol

Handling

Storage:	4 °C/-20 °C
Storage Comment:	Store vial at -20 °C prior to opening. Aliquot contents and freeze at -20 °C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 °C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	Expiration date is six (6) months from date of opening.