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Datasheet for ABIN7158048
anti-LRPPRC antibody (AA 901-1036) (HRP)

Overview

Quantity:	100 µg
Target:	LRPPRC
Binding Specificity:	AA 901-1036
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRPPRC antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Leucine-rich PPR motif-containing protein, mitochondrial protein (901-1036AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LRPPRC
Alternative Name:	LRPPRC (LRPPRC Products)
Background:	Background: May play a role in RNA metabolism in both nuclei and mitochondria. In the nucleus

Target Details

binds to HNRPA1-associated poly(A) mRNAs and is part of nmRNP complexes at late stages of mRNA maturation which are possibly associated with nuclear mRNA export. May bind mature mRNA in the nucleus outer membrane. In mitochondria binds to poly(A) mRNA. Plays a role in translation or stability of mitochondrially encoded cytochrome c oxidase (COX) subunits. May be involved in transcription regulation. Cooperates with PPARGC1A to regulate certain mitochondrially encoded genes and gluconeogenic genes and may regulate docking of PPARGC1A to transcription factors. Seems to be involved in the transcription regulation of the multidrug-related genes MDR1 and MVP. Part of a nuclear factor that binds to the invMED1 element of MDR1 and MVP gene promoters. Binds single-stranded DNA (By similarity).
Aliases: 130 kDa leucine-rich protein antibody, gp130 antibody, Leucine-rich PPR motif-containing protein antibody, Leucine-rich PPR-motif containing protein antibody, LPPRC_HUMAN antibody, LRP 130 antibody, lpprc antibody, mitochondrial antibody

UniProt: [P42704](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.