

Rabbit anti-Human LRPPRC Polyclonal Antibody | anti-LRPPRC antibody

LRPPRC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234581	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

LRPPRC; Polyclonal Antibody; LRPPRC Antibody; Leucine-rich PPR motif-containing protein; mitochondrial; 130 kDa leucine-rich protein; LRP 130; GP130; LRP130; anti-LRPPRC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1394
Applicable Applications for anti-LRPPRC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Leucine-rich PPR motif-containing protein, mitochondrial protein (901-1036AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234581 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234581 diluted at 1:400 and staining in paraffin-embedded human spleen tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234581 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, 293T whole cell lysate, HepG2 whole cell lysateAll lanes: LRPPRC antibody at 4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 158 KDaObserved band size: 158 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-LRPPRC antibody	May play a role in RNA metabolism in both nuclei and mitochondria. In the nucleus 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).
Product Categories/Family for anti-LRPPRC antibody	Epigenetics and Nuclear Signaling ; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	31621305
NCBI GeneID	10128
NCBI Accession #	NP_573566.2
NCBI GenBank Nucleotide #	NM_133259.3
UniProt Accession #	P42704 ; Q53PC0 ; Q53QN7 ; Q6ZUD8 ; Q7Z7A6 ; Q96D84 ; A0PJE3 ; A8K1V1
Molecular Weight	157,905 Da
NCBI Official Full Name	leucine-rich PPR motif-containing protein, mitochondrial
NCBI Official Synonym Full Names	leucine rich pentatricopeptide repeat containing
NCBI Official Symbol	LRPPRC
NCBI Official Synonym Symbols	LSFC; GP130; LRP130; CLONE-23970
NCBI Protein Information	leucine-rich PPR motif-containing protein, mitochondrial
UniProt Protein Name	Leucine-rich PPR motif-containing protein, mitochondrial
UniProt Gene Name	LRPPRC
UniProt Synonym Gene Names	LRP130; LRP 130

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/lrpprc-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234581>