

Allgemeine Informationen

Katalog-Nr.:

67679-1-Ig

Größe:

150ul, Konzentration: 1100 µg/ml von 10128

Nanodrop und 500 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG2b

Immunogen Katalognummer:

AG30261

GenBank-Zugangsnummer:

BC050311

GeneID (NCBI):

von 10128

Vollständiger Name:

leucine-rich PPR-motif containing

Berechnete Masse:

1394 aa, 158 kDa

Beobachtete Masse:

130 kDa

Reinigungsmethode:

Protein-A-Reinigung

CloneNo.:

3H7E1

Empfohlene Verdünnungen:

WB 1:5000-1:50000

IHC 1:2000-1:8000

IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : U2OS-Zellen, HeLa-Zellen, HepG2-Zellen, U-251-Zellen

IHC : humanes Kolonkarzinomgewebe, humanes Endometriumkarzinomgewebe, humanes Leberkarzinomgewebe

IF : HeLa-Zellen, A431-Zellen, HEK-293-Zellen, HepG2-Zellen

Hintergrundinformationen

LRPPRC (also called LRP130 or GP130) is a 130-kDa RNA-binding protein of the pentatricopeptide repeat family. LRPPRC localizes primarily to the mitochondria where it binds to poly(A) mRNA. It plays a role in translation or stability of mitochondrially encoded cytochrome c oxidase (COX) subunits. LRPPRC has also been shown to regulate nuclear gene transcription and to bind specific RNA molecules in both the nucleus and the cytoplasm. Mutations in LRPPRC gene are associated with the French-Canadian type of Leigh syndrome.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kejuan Jia	37139237	Front Genet	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

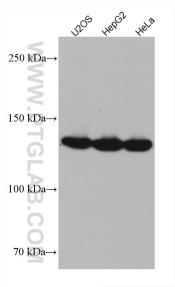
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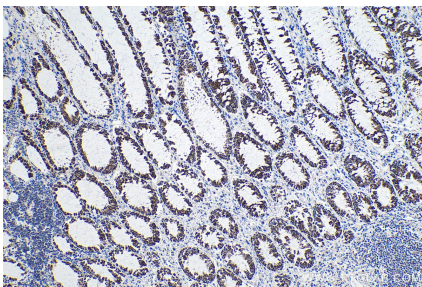
E: proteintech@ptglab.com
W: ptglab.com

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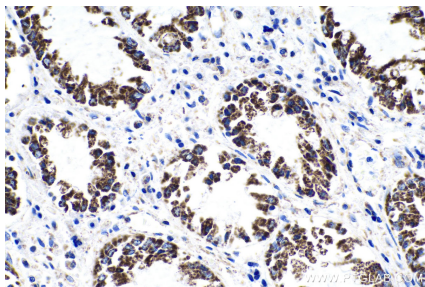
Ausgewählte Validierungsdaten



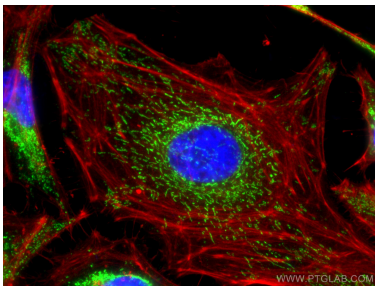
Various lysates were subjected to SDS PAGE followed by western blot with 67679-1-Ig (LRPPRC antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



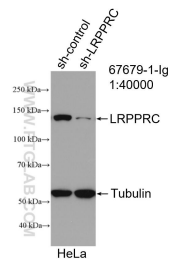
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67679-1-Ig (LRPPRC antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67679-1-Ig (LRPPRC antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using LRPPRC antibody (67679-1-Ig, Clone: 3H7E1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of LRPPRC antibody (67679-1-Ig; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LRPPRC transfected HeLa cells.