

À des fins de recherche uniquement

Anticorps Monoclonal anti-LRPPRC

Numéro de catalogue: 67679-1-Ig

Phare

1 Publications



Informations de base

Numéro de catalogue:

67679-1-Ig

Numéro d'acquisition GenBank:

BC050311

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 1100 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

10128

CloneNo.:

3H7E1

Hôte:

Mouse

Nom complet:

leucine-rich PPR-motif containing

Dilutions recommandées:

WB 1:5000-1:50000

IHC 1:2000-1:8000

IF 1:200-1:800

Isotype:

IgG2b

MW calculé

1394 aa, 158 kDa

MW observés:

130 kDa

Immunogen Catalog Number:

AG30261

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

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

IHC : tissu de cancer du côlon humain, tissu de cancer de l'endomètre humain, tissu de cancer du foie humain

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

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Kejuan Jia	37139237	Front Genet	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

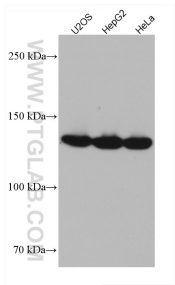
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

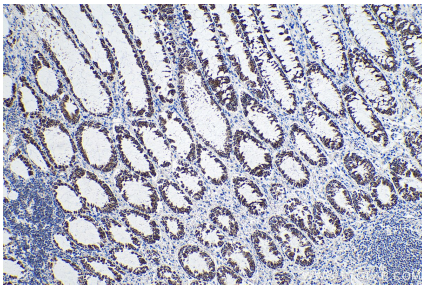
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

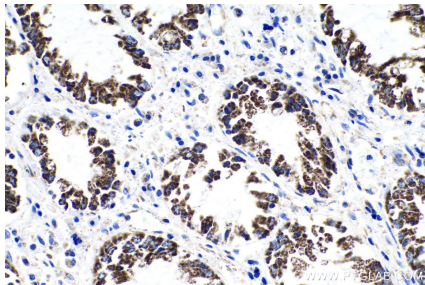
Données de validation sélectionnées



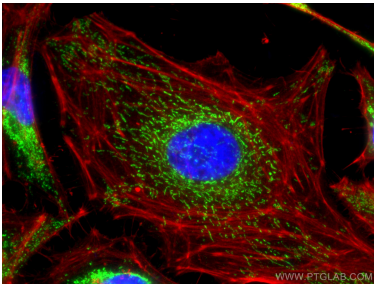
Various lysates were subjected to SDS PAGE followed by western blot with 67679-1-Ig (LRPPRC antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



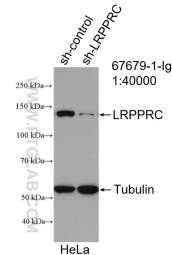
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67679-1-Ig (LRPPRC antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.