


Anti-LRPPRC/GP130 antibody ab97505

★★★★★ [1 Abreviews](#) [13 References](#) [4 图像](#)

概述

产品名称	Anti-LRPPRC/GP130抗体
描述	兔多克隆抗体to LRPPRC/GP130
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Human 预测可用于: Rat 
免疫原	Recombinant fragment corresponding to Human LRPPRC/GP130 aa 611-907. Database link: P42704
阳性对照	WB: H1299, HeLa whole cell lysate. IHC-P: SW480 Xenograft, human colon cancer tissue. ICC/IF: HeLa cells
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 78% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab97505于以下的经测试应用

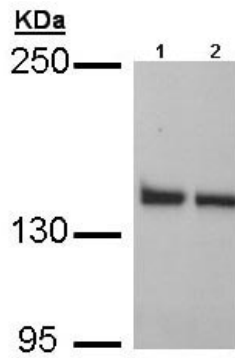
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	1/500 - 1/10000. Predicted molecular weight: 158 kDa.
IHC-P		1/100 - 1/1000.
ICC/IF		1/100 - 1/1000.

靶标

功能	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.
组织特异性	Expressed ubiquitously. Expression is highest in heart, skeletal muscle, kidney and liver, intermediate in brain, non-mucosal colon, spleen and placenta, and lowest in small intestine, thymus, lung and peripheral blood leukocytes.
疾病相关	Leigh syndrome French-Canadian type
序列相似性	Contains 20 PPR (pentatricopeptide) repeats.
细胞定位	Mitochondrion. Nucleus, nucleoplasm. Nucleus inner membrane. Nucleus outer membrane. Seems to be predominantly mitochondrial.

图片



Western blot - Anti-LRPPRC/GP130 antibody (ab97505)

All lanes : Anti-LRPPRC/GP130 antibody (ab97505) at 1/1000 dilution

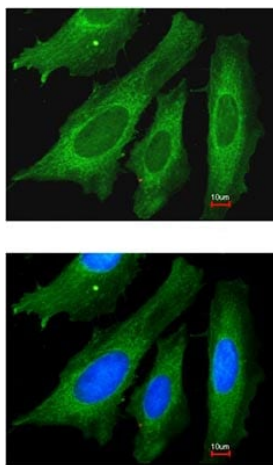
Lane 1 : H1299 whole cell lysate

Lane 2 : HeLa whole cell lysate

Lysates/proteins at 30 µg per lane.

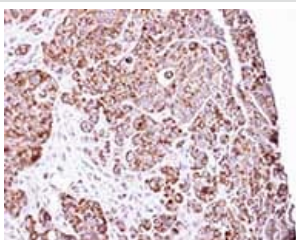
Predicted band size: 158 kDa

5% SDS-PAGE



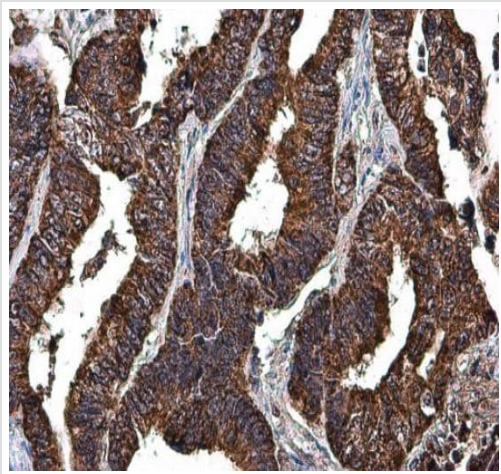
Immunocytochemistry/ Immunofluorescence - Anti-LRPPRC/GP130 antibody (ab97505)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa using ab97505 at 1/200 dilution. Lower panel is also merged with DNA probe.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LRPPRC/GP130 antibody (ab97505)

Immunohistochemical analysis of paraffin-embedded SW480 Xenograft using ab97505 at 1/100 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LRPPRC/GP130 antibody (ab97505)

Paraffin embedded human colon cancer tissue stained for LRP130 using ab97505 at 1/100 at dilution in immunohistochemical analysis.

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