

Anti-Lrp2 / Megalin antibody ab76969

★★★★★ [23 Abreviews](#) [41 References](#) [4 图像](#)

概述

产品名称	Anti-Lrp2 / Megalin抗体
描述	兔多克隆抗体to Lrp2 / Megalin
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Mouse, Rat, Human, Monkey 预测可用于: Xenopus laevis 
免疫原	Synthetic peptide corresponding to Human Lrp2/ Megalin aa 4600 to the C-terminus (C terminal). (Peptide available as ab101417)
阳性对照	IHC-P: Mouse kidney and human kidney carcinoma tissues.
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: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
克隆	多克隆

同种型

IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab76969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
IHC-P	★★★★★ (9)	Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能 Acts together with cubilin to mediate HDL endocytosis (By similarity). May participate in regulation of parathyroid-hormone and para-thyroid-hormone-related protein release.

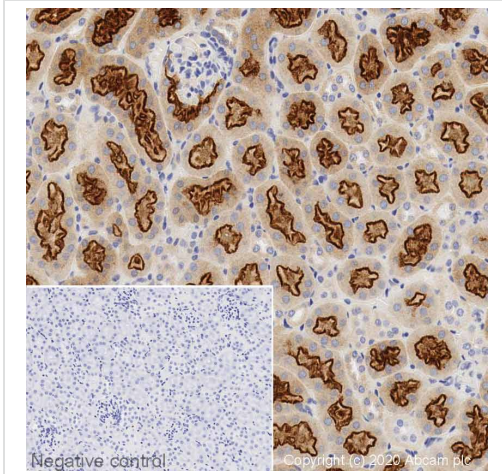
组织特异性 Absorptive epithelia, including renal proximal tubules.

疾病相关 Defects in LRP2 are the cause of Donnai-Barrow syndrome (DBS) [MIM:222448]; also known as faciooculoacousticorenal syndrome (FOAR syndrome). DBS is a rare autosomal recessive disorder characterized by major malformations including agenesis of the corpus callosum, congenital diaphragmatic hernia, facial dysmorphology, ocular anomalies, sensorineural hearing loss and developmental delay. The FOAR syndrome was first described as comprising facial anomalies, ocular anomalies, sensorineural hearing loss, and proteinuria. DBS and FOAR were first described as distinct disorders but the classic distinguishing features between the 2 disorders were presence of proteinuria and absence of diaphragmatic hernia and corpus callosum anomalies in FOAR. Early reports noted that the 2 disorders shared many phenotypic features and may be identical. Although there is variability in the expression of some features (e.g. agenesis of the corpus callosum and proteinuria), DBS and FOAR are now considered to represent the same entity.

序列相似性 Belongs to the LDLR family.
Contains 17 EGF-like domains.
Contains 36 LDL-receptor class A domains.
Contains 37 LDL-receptor class B repeats.

细胞定位 Membrane. Membrane > coated pit.

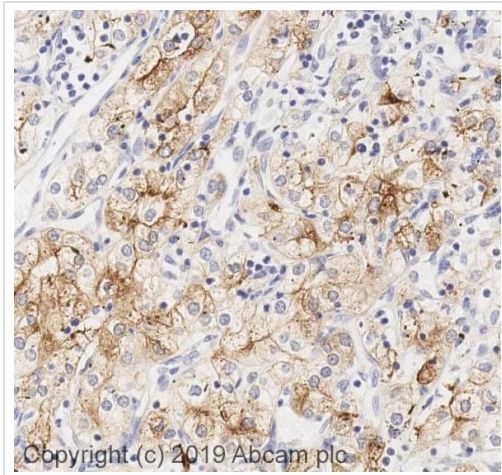
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Lrp2 / Megalin antibody (ab76969)

IHC image of Lrp2 / Megalin staining in normal Mouse Kidney formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab76969, 1 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

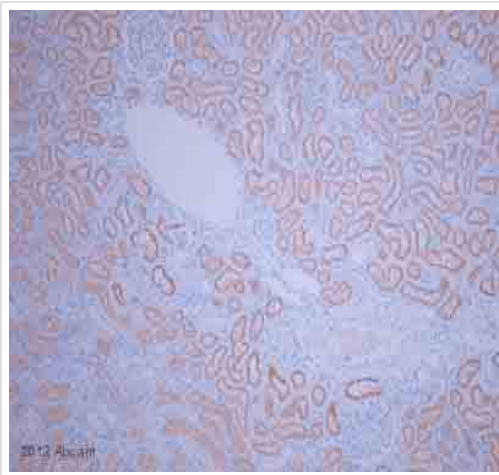


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Lrp2 / Megalin antibody (ab76969)

IHC image of Lrp2/Megalin antibody staining in a section of formalin-fixed paraffin-embedded human kidney renal carcinoma* performed on a Leica BOND™ system using the standard protocol. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab76969, 1ug/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

**Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre*

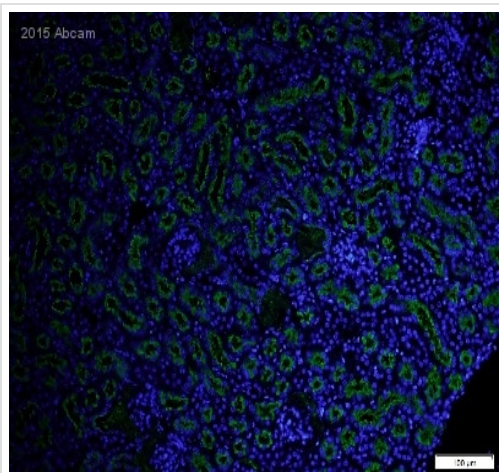


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Lrp2 / Megalin antibody (ab76969)

Image courtesy of an anonymous Abreview.

ab76969 staining Lrp2 / Megalin in monkey kidney tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Tissue was fixed in formaldehyde and a heat mediated antigen retrieval step was performed using citrate pH 6.0. Samples were then incubated with ab76969 at 1µg/ml for 1 hour with BSA in TBS. The secondary used was an undiluted HRP conjugated goat anti-rabbit polyclonal.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Lrp2 / Megalin antibody (ab76969)

This image is courtesy of an anonymous Abreview.

ab76969 staining Lrp2 / Megalin in mouse kidney tissue sections by Immunohistochemistry (PFA perfusion fixed frozen sections).

Tissue samples were fixed by perfusion with paraformaldehyde, blocked for 60 minutes at 25°C and antigen retrieval was by heat mediation. The sample was incubated with primary antibody (1/1000) at 25°C for 1 hour. An Alexa Fluor® 488-conjugated donkey rabbit polyclonal (1/1200) was used as the secondary antibody.

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