


Anti-Polycystin 1/PC1 antibody [7e12] ab74115

★★★★★ [2 Abreviews](#) [12 References](#) [3 图像](#)

概述

产品名称	Anti-Polycystin 1/PC1抗体[7e12]
描述	小鼠单克隆抗体[7e12] to Polycystin 1/PC1
宿主	Mouse
经测试应用	适用于: IHC-P 不适用于: Flow Cyt (Intra) or WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human Polycystin 1/PC1 (N terminal). This antibody was produced to the flank-leucine rich repeat-flank region (24-180aa).
表位	This antibody was produced to the flank-leucine rich repeat-flank region (24-180aa).
阳性对照	IHC-P: Human liver, bone marrow and kidney tissue.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Protein G purified

克隆	单克隆
克隆编号	7e12
骨髓瘤	NS1
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab74115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		Use a concentration of 5 µg/ml.

应用说明 Is unsuitable for Flow Cyt (Intra) or WB.

靶标

功能	May be an ion-channel regulator. PKD1 and PKD2 may function through a common signaling pathway that is necessary for normal tubulogenesis. Involved in adhesive protein-protein and protein-carbohydrate interactions.
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疾病相关 Defects in PKD1 are the cause of polycystic kidney disease autosomal dominant type 1 (ADPKD1) [MIM:173900]. ADPKD is characterized by progressive formation and enlargement of cysts in both kidneys, typically leading to end-stage renal disease in adult life. Cysts also occurs in the liver and other organs. Its prevalence is estimated at about 1/1000.

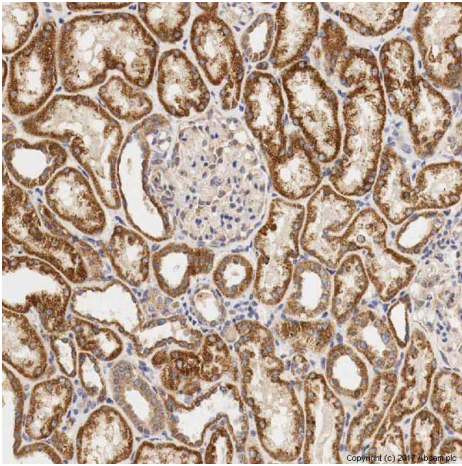
序列相似性

- Belongs to the polycystin family.
- Contains 1 C-type lectin domain.
- Contains 1 GPS domain.
- Contains 1 LDL-receptor class A domain.
- Contains 2 LRR (leucine-rich) repeats.
- Contains 1 LRRCT domain.
- Contains 1 LRRNT domain.
- Contains 17 PKD domains.
- Contains 1 PLAT domain.
- Contains 1 REJ domain.
- Contains 1 WSC domain.

结构域 The LDL-receptor class A domain is atypical; the potential calcium-binding site is missing.

细胞定位 Membrane.

图片

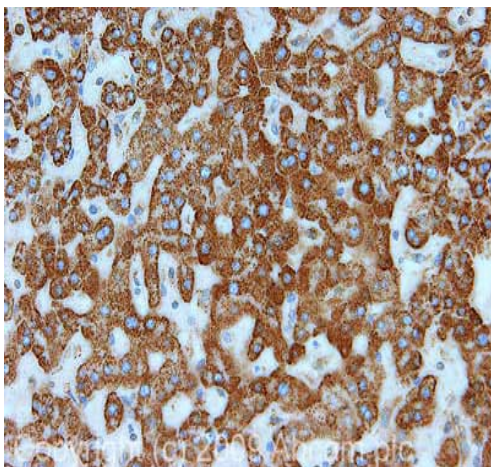


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Polycystin 1/PC1 antibody [7e12] (ab74115)

IHC image of Polycystin 1/PC1 staining in a formalin fixed, paraffin embedded normal human kidney 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 ab74115, 5µg/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.

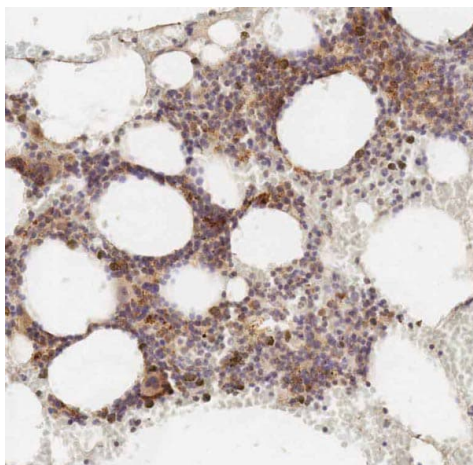
For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Polycystin 1/PC1 antibody [7e12] (ab74115)

IHC image of Polycystin 1/PC1 staining in Human Normal Liver FFPE section, performed on a 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 ab74115, 5µg/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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Polycystin 1/PC1 antibody [7e12] (ab74115)

IHC image of Polycystin 1/PC1 staining in Normal Human Bone Marrow 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 ab74115, 5µg/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*

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