

Anti-Cubilin antibody [EPR16259-34] - C-terminal ab191074

重组 RabMAb

3 图像

概述

产品名称	Anti-Cubilin抗体[EPR16259-34] - C-terminal
描述	兔单克隆抗体[EPR16259-34] to Cubilin - C-terminal
宿主	Rabbit
经测试应用	适用于: IP, WB
种属反应性	与反应: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Human fetal kidney lysate.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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 long term. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR16259-34
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab191074于以下的经测试应用

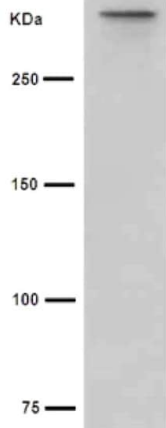
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		1/40.
WB		1/1000 - 1/2000. Detects a band of approximately 399 kDa (predicted molecular weight: 399 kDa).

靶标

功能	Cotransporter which plays a role in lipoprotein, vitamin and iron metabolism, by facilitating their uptake. Binds to ALB, MB, Kappa and lambda-light chains, TF, hemoglobin, GC, SCGB1A1, APOA1, high density lipoprotein, and the GIF-cobalamin complex. The binding of all ligands requires calcium. Serves as important transporter in several absorptive epithelia, including intestine, renal proximal tubules and embryonic yolk sac. Interaction with LRP2 mediates its trafficking throughout vesicles and facilitates the uptake of specific ligands like GC, hemoglobin, ALB, TF and SCGB1A1. Interaction with AMN controls its trafficking to the plasma membrane and facilitates endocytosis of ligands. May play an important role in the development of the peri-implantation embryo through internalization of APOA1 and cholesterol. Binds to LGALS3 at the maternal-fetal interface.
组织特异性	Expressed in kidney proximal tubule cells, placenta, visceral yolk-sac cells and in absorptive intestinal cells. Expressed in the epithelium of intestine and kidney.
疾病相关	Recessive hereditary megaloblastic anemia 1
序列相似性	Contains 27 CUB domains. Contains 7 EGF-like domains.
结构域	The CUB domains 5 to 8 mediate binding to GIF and ALB. CUB domains 1 and 2 mediate interaction with LRP2.
翻译后修饰	The precursor is cleaved by a trans-Golgi proteinase furin. The result is a propeptide cleaved off. N-glycosylated.
细胞定位	Endosome membrane. Lysosome membrane. Colocalizes with AMN and LRP2 in the endocytotic apparatus of epithelial cells.

图片



Western blot - Anti-Cubilin antibody [EPR16259-34] - C-terminal (ab191074)

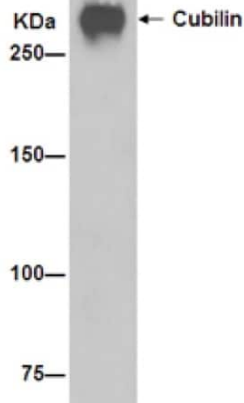
Anti-Cubilin antibody [EPR16259-34] - C-terminal (ab191074) at 1/5000 dilution + Human fetal kidney lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 399 kDa

Observed band size: 399 kDa



Immunoprecipitation - Anti-Cubilin antibody [EPR16259-34] - C-terminal (ab191074)

Western blot analysis of Cubilin in immunoprecipitation pellets from Human fetal kidney lysate. ab191074 used at 1/40 dilution. Secondary antibody Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Cubilin antibody [EPR16259-34] - C-terminal
(ab191074)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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