


Anti-Apelin antibody ab59469

[18 References](#) [1 图像](#)

概述

产品名称	Anti-Apelin抗体
描述	兔多克隆抗体to Apelin
宿主	Rabbit
特异性	This antibody reacts specifically with 8,5 kDa of human APLN protein.
经测试应用	适用于: IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow 
免疫原	Synthetic peptide corresponding to Human Apelin (C terminal). Database link: Q9ULZ1
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 long term.
存储溶液	Constituent: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

[Abpromise™](#) 承诺保证使用ab59469于以下的经测试应用

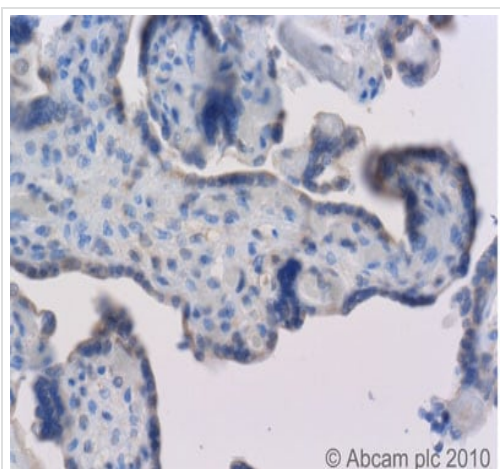
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/500.

靶标

功能	Endogenous ligand for APJ, an alternative coreceptor with CD4 for HIV-1 infection. Inhibits HIV-1 entry in cells coexpressing CD4 and APJ. Apelin-36 has a greater inhibitory activity on HIV infection than other synthetic apelin derivatives. The oral intake in the colostrum and the milk could have a role in the modulation of the immune responses in neonates. May also have a role in the central control of body fluid homeostasis by influencing AVP release and drinking behavior.
组织特异性	Expressed in the brain with highest levels in the frontal cortex, thalamus, hypothalamus and midbrain. Secreted by the mammary gland into the colostrum and the milk.
序列相似性	Belongs to the apelin family.
翻译后修饰	Several active peptides may be produced by proteolytic processing of the peptide precursor.
细胞定位	Secreted.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apelin antibody (ab59469)

ab59469 (1:500) staining Apelin in human placenta using an automated system (DAKO Autostainer Plus). Using this protocol there is strong staining of cytoplasmic/secreted regions of cells in the basal uterine glands.

Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer EDTA pH 9.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako envision flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.

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

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