

Anti-PTHLH antibody [3D1.1] ab79539

1 References

概述

产品名称	Anti-PTHLH抗体[3D1.1]
描述	小鼠单克隆抗体[3D1.1] to PTHLH
宿主	Mouse
特异性	This clone reacts with the human Type I hPTH/PTHrP and it does not react with the Type II receptor.
经测试应用	适用于: ELISA, IHC-P, Flow Cyt, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human PTHLH aa 146-169. Sequence: AWLDSGVTGSGLEGDHLSDTSTTS



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常规说明

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.

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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.1% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	3D1.1
骨髓瘤	P3x63-Ag8.653
同种型	IgG1

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab79539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
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		Use at an assay dependent concentration.

靶标

功能

Neuroendocrine peptide which is a critical regulator of cellular and organ growth, development, migration, differentiation and survival and of epithelial calcium ion transport. Regulates endochondral bone development and epithelial-mesenchymal interactions during the formation of the mammary glands and teeth. Required for skeletal homeostasis. Promotes mammary mesenchyme differentiation and bud outgrowth by modulating mesenchymal cell responsiveness to BMPs. Upregulates BMPR1A expression in the mammary mesenchyme and this increases the sensitivity of these cells to BMPs and allows them to respond to BMP4 in a paracrine and/or autocrine fashion. BMP4 signaling in the mesenchyme, in turn, triggers epithelial outgrowth and augments MSX2 expression, which causes the mammary mesenchyme to inhibit hair follicle formation within the nipple sheath (By similarity). Promotes colon cancer cell migration and invasion in an integrin alpha-6/beta-1-dependent manner through activation of Rac1. Osteostatin is a potent inhibitor of osteoclastic bone resorption.

组织特异性

Ubiquitous. Also expressed in the mammary gland.

疾病相关

Brachydactyly E2

序列相似性

Belongs to the parathyroid hormone family.

翻译后修饰

There are 3 principal secretory forms, called PTHrP[1-36], PTHrP[38-94], and osteostatin (PTHrP[107-139]) arising from endoproteolytic cleavage of the initial translation product. Each of these secretory forms is believed to have one or more of its own receptors that mediates the normal paracrine, autocrine and endocrine actions.

细胞定位

Cytoplasm. Nucleus. Secreted.

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

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