


Anti-Calcitonin antibody ab8553

★★★★★ [2 Abreviews](#) [1 References](#) [3 图像](#)

概述

产品名称	Anti-Calcitonin抗体
描述	兔多克隆抗体to Calcitonin
宿主	Rabbit
经测试应用	适用于: Sandwich ELISA, IHC-P, WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Sheep, Horse, Dog, Pig 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Medullary carcinoma of the thyroid or thyroid c-cell hyperplasia.
常规说明	Prolonged fixation in buffered formalin can destroy the epitope This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com. 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 freeze / thaw cycles.
存储溶液	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

轻链类型

unknown

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab8553 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。

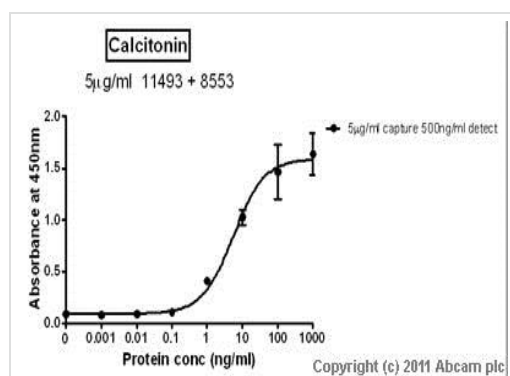
应用	Ab评论	说明
Sandwich ELISA		Use a concentration of 0.5 µg/ml. Can be paired for Sandwich ELISA with Mouse monoclonal [16B5] to Calcitonin (ab11493) . For sandwich ELISA, use this antibody as Detection at 0.5µg/ml with ab11493 as Capture.
IHC-P	★★★★★ (2)	1/300. Antigen retrieval is not essential but may optimise staining.
WB		1/200 - 1/500. Predicted molecular weight: 15 kDa.

靶标

相关性 Calcitonin is a 32 amino acid peptide hormone synthesized by the parafollicular cells of the thyroid. It causes a rapid, but short lived, reduction in serum calcium and phosphate by promoting the incorporation of those ions in the bones. This effect is opposite to that of parathyroid hormone. Staining for calcitonin may be used for the identification of a spectrum of C cell proliferative abnormalities ranging from C cell hyperplasia to invasive tumors. Staining for calcitonin in medullary carcinoma of the thyroid produces a fine granular pattern in the cytoplasm. Amyloid deposits within the tumor may also exhibit varying degrees of calcitonin activity.

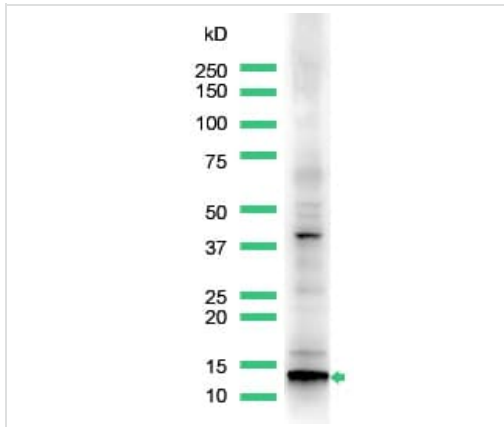
细胞定位 Cytoplasmic and Secreted

图片



Standard Curve for Calcitonin dilution range 1pg/ml to 1ug/ml using Capture Antibody Mouse monoclonal [16B5] to Calcitonin (**ab11493**) at 5ug/ml and Detector Antibody Rabbit polyclonal to Calcitonin (ab8553) at 0.5ug/ml

Sandwich ELISA - Anti-Calcitonin antibody (ab8553)



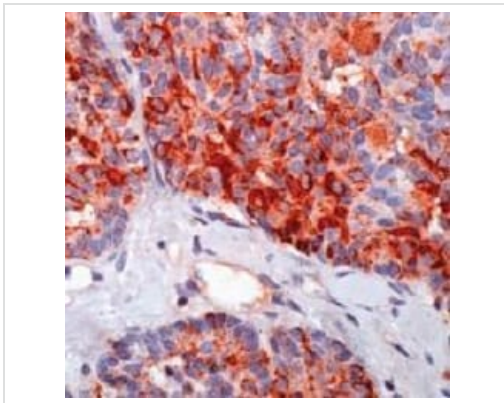
Western blot - Anti-Calcitonin antibody (ab8553)

Anti-Calcitonin antibody (ab8553) at 1/25 dilution + Human thyroid lysate.

Predicted band size: 15 kDa

Observed band size: 14 kDa

Additional bands at: 40 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calcitonin antibody (ab8553)

Immunohistochemical analysis of human thyroid staining with ab8553.

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

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