


Anti-PAX8 antibody [EPR13511] - C-terminal ab189249

重组 RabMAb

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概述

产品名称	Anti-PAX8抗体[EPR13511] - C-terminal
描述	兔单克隆抗体[EPR13511] to PAX8 - C-terminal
宿主	Rabbit
经测试应用	适用于: IHC-P 不适用于: Flow Cyt or ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Dog, Orangutan 
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IHC-P: Human thyroid carcinoma tissue.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR13511

同种型

IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab189249 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		1/200 - 1/10000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

应用说明

Is unsuitable for Flow Cyt or ICC/IF.

靶标

功能

Transcription factor for the thyroid-specific expression of the genes exclusively expressed in the thyroid cell type, maintaining the functional differentiation of such cells.

组织特异性

Expressed in the excretory system, thyroid gland and Wilms tumors.

疾病相关

Defects in PAX8 are the cause of congenital hypothyroidism non-goitrous type 2 (CHNG2) [MIM:218700]. CHNG2 is a disease characterized by thyroid dysgenesis, the most frequent cause of congenital hypothyroidism, accounting for 85% of case. The thyroid gland can be completely absent (athyreosis), ectopically located and/or severely hypoplastic. Ectopic thyroid gland is the most frequent malformation, with thyroid tissue being found most often at the base of the tongue.

序列相似性

Contains 1 paired domain.

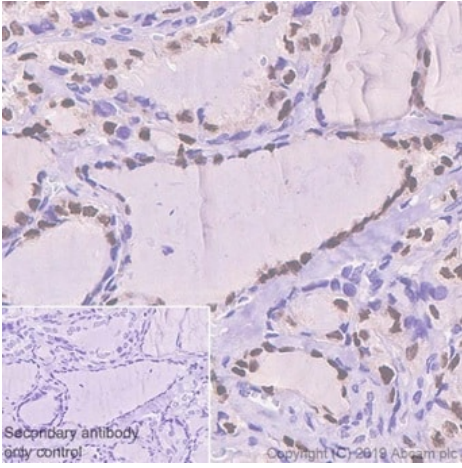
发展阶段

In developing excretory system, during thyroid differentiation and in adult thyroid.

细胞定位

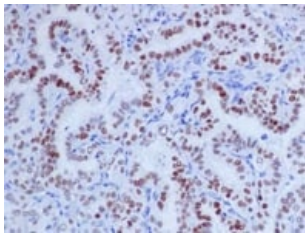
Nucleus.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PAX8 antibody [EPR13511] - C-terminal (ab189249)

Nuclear staining on paraffin-embedded sections of human thyroid carcinoma tissue, performed on a Leica Biosystems BOND[®] RX instrument. Heat mediated antigen retrieval was performed using Bond[™] Epitope Retrieval Solution 2 (pH 9.0) for 20 minutes. Samples were incubated with primary antibody at a 1:10000 dilution (0.1 µg/ml). A Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Hematoxylin was used as the counterstain. A secondary antibody-only control was also performed.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PAX8 antibody [EPR13511] - C-terminal (ab189249)

Immunohistochemical analysis of formalin fixed paraffin embedded human thyroid carcinoma labeling PAX8 with ab189249 at a 1/500 dilution and HRP Polymer for Rabbit IgG. Counterstained with Hematoxylin.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

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-PAX8 antibody [EPR13511] - C-terminal (ab189249)

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

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