

Product datasheet

Anti-DUOX1 antibody ab78919

1 References 1 图像

概述

| | |
|--------------|--|
| 产品名称 | Anti-DUOX1抗体 |
| 描述 | 山羊多克隆抗体to DUOX1 |
| 宿主 | Goat |
| 特异性 | This antibody is expected to recognise both reported isoforms (NP_059130.2 ; NP_787954.1) which are identical. |
| 经测试应用 | 适用于: IHC-P |
| 种属反应性 | 与反应: Human |
| 免疫原 | Synthetic peptide corresponding to Human DUOX1 aa 1020-1032 (internal sequence). Synthetic peptide: EKFQRSCLHQTQVQ , corresponding to internal sequence amino acids 1020-1032 of Human DUOX1 (NP_059130.2 ; NP_787954.1) Sequence: EKFQRSCLHQTQVQ Database link: Q9NRD9 Run BLAST with Run BLAST with |
| 阳性对照 | Human placenta and thyroid gland lysates. |

性能

| | |
|-------------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3 |
| 纯度 | Immunogen affinity purified |
| 纯化说明 | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab78919** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

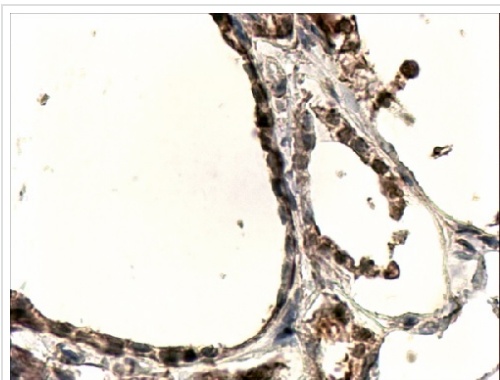
| 应用 | Ab评论 | 说明 |
|-------|------|-------------------------------------|
| IHC-P | | Use a concentration of 4 - 6 µg/ml. |

靶标

相关性 The protein encoded by this gene is a glycoprotein and a member of the NADPH oxidase family. The synthesis of thyroid hormone is catalyzed by a protein complex located at the apical membrane of thyroid follicular cells. This complex contains an iodide transporter, thyroperoxidase, and a peroxide generating system that includes this encoded protein and DUOX2. This protein is known as dual oxidase because it has both a peroxidase homology domain and a gp91phox domain. Two alternatively spliced transcript variants encoding the same protein have been described for this gene (from EntrezGene).

细胞定位 Cell Membrane

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DUOX1 antibody (ab78919)

Immunohistochemical analysis of paraffin embedded Human thyroid gland labeling DUOX1 with ab78919 at 4-6µg/ml. The image shows staining of membranes in epithelial cells of the thyroid gland.

Steamed antigen retrieval with Tris/EDTA buffer pH 9 was performed. Antibody was detected by HRP-staining.

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