

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
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.

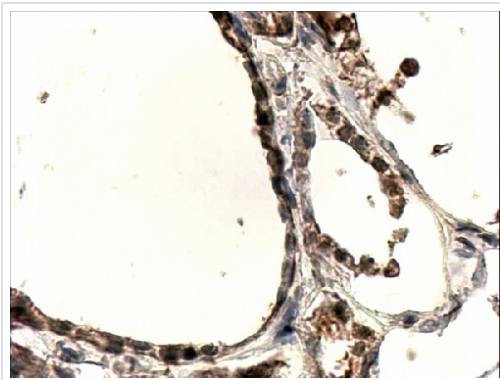
应用	Ab评论	说明
IHC-P		Use a concentration of 4 - 6 µg/ml.

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



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.

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

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