

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

**i** 该产品是 **快线抗体**, 通过亲和纯化得到。对抗原肽有高灵敏度及特异性 (ELISA测试)。

[Read the terms of use »](#)

特异性

This antibody is expected to recognise both reported isoforms (NP\_059130.2 ; NP\_787954.1) which are identical.

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:  
 EKFQRSCLHQTQQ  
 , corresponding to internal sequence amino acids 1020-1032 of Human DUOX1 (NP\_059130.2 ; NP\_787954.1)  
 Sequence:  
 EKFQRSCLHQTQQ

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

Fast track antibodies constitute a diverse group of products that have been released to accelerate your research, but are not yet fully characterized. They have all been affinity purified and show high titre values against the immunizing peptide (by ELISA).

[Fast track terms of use](#)

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

## 靶标

### 相关性

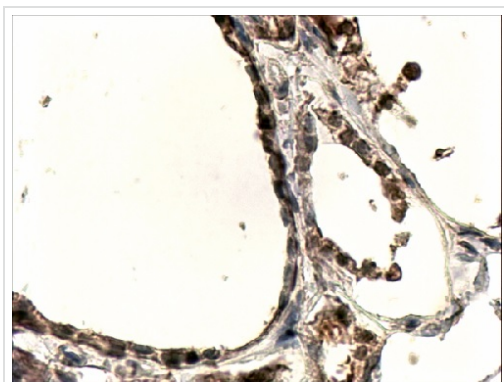
The protein encoded by this gene is a glycoprotein and a member of the NADPH oxidase family. The synthesis of thyroid hormone is catalyzed by a protein complex located at the apical membrane of thyroid follicular cells. This complex contains an iodide transporter, thyroperoxidase, and a peroxide generating 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

This Fast-Track antibody is not yet fully characterised. These images represent **inconclusive preliminary data**.



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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