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Datasheet for ABIN263200

anti-DUOX1 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	DUOX1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DUOX1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Dual oxidase 1
Immunogen:	EKFQRSCLHQTQVQ
Sequence:	EKFQRSCLHQ TVQ
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_059130.2 , NP_787954.1) which are identical,
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	DUOX1
Alternative Name:	DUOX1 (DUOX1 Products)
Background:	DUOX1 , dual oxidase 1 , LNOX1, MGC138840, MGC138841, NOXEF1, THOX1, NADPH thyroid oxidase 1, flavoprotein NADPH oxidase, nicotinamide adenine dinucleotide phosphate oxidase
Gene ID:	53905
NCBI Accession:	NP_059130 , NP_787954

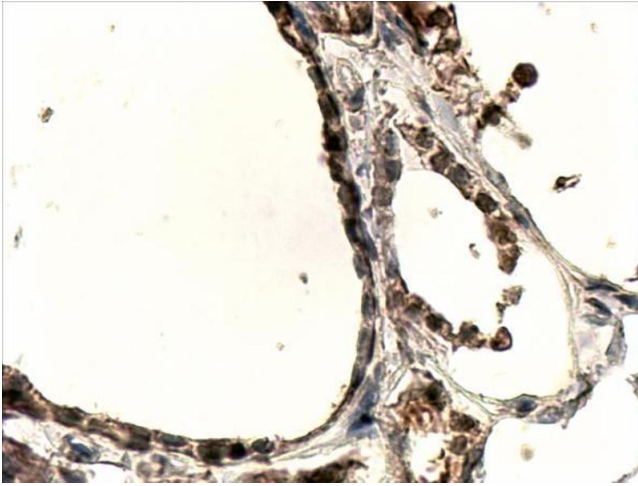
Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Thyroid shows staining of membranes in epithelial cells of the gland. Recommended concentration, 4-6 µg/mL.</p> <p>Western Blot: Preliminary experiments in Human Placenta and Thyroid Gland lysates gave no specific signal but low background (at antibody concentration up to 0.5 µg/mL). We would appreciate any feedback from people in the field - have any results been rep</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN263200 (4 μ g/ml) staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.