

Product Datasheet

DUOX1 Antibody NB100-93521

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-93521

DUOX1 Antibody

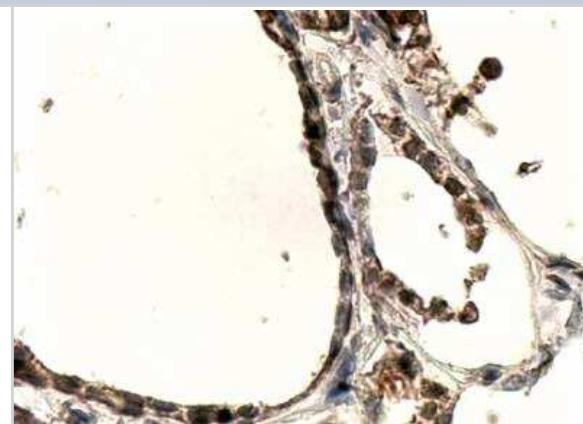
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	53905
Gene Symbol	DUOX1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_059130.2 ; NP_787954.1) which are identical;
Immunogen	Peptide with sequence EKFQRSCLHQTVQ corresponding to internal region according to NP_059130.2 , NP_787954.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot, Immunohistochemistry 4 - 6 ug/ml, Immunohistochemistry-Paraffin 4 - 6 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary experiments in human placenta and thyroid gland lysates gave no specific signal but low background. IHC-P: Human thyroid shows staining of membranes in epithelial cells of the gland. WB reactivity reported in (PMID: 27526200).

Images

Immunohistochemistry-Paraffin: DUOX1 Antibody [NB100-93521] - Staining of Human Thyroid Gland. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



Publications

Rivet CA, Kniss-James AS, Gran MA et al. Calcium Dynamics of Ex Vivo Long-Term Cultured CD8+ T Cells Are Regulated by Changes in Redox Metabolism. PLoS ONE. 2016-08-16 [PMID: 27526200] (WB, Human)

Harper RW, Xu C, Eiserich JP et al. Differential regulation of dual NADPH oxidases/peroxidases, Duox1 and Duox2, by Th1 and Th2 cytokines in respiratory tract epithelium. FEBS Lett 2005-08-29 [PMID: 16111680]

Kippner LE, Finn NA, Shukla S, Kemp ML. Systemic remodeling of the redox regulatory network due to RNAi perturbations of glutaredoxin 1, thioredoxin 1, and glucose-6-phosphate dehydrogenase. BMC Systems Biology;5 (1):164. 2011-10-13 [PMID: 21995976]





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Products Related to NB100-93521

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-81301PEP	DUOX1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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