

Goat Dual oxidase 1 Polyclonal Antibody | anti-DUOX1 antibody

Goat anti-Dual oxidase 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60813	Goat	Tested: Human; Expected from sequence similarity: Human	Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Dual oxidase 1; Polyclonal Antibody; Goat anti-Dual oxidase 1 Antibody; Goat Anti-DUOX1 (aa972-985) Antibody; DUOX1; dual oxidase 1; LNOX1; MGC138840; MGC138841; NOXEF1; THOX1; NADPH thyroid oxidase 1; flavoprotein NADPH oxidase; nicotinamide adenine dinucleotide phosphate oxidase; DUOX1 antibody; dual oxidase 1 antibody; LNOX1 antibody; MGC138840 antibody; MGC138841 antibody; NOXEF1 antibody; THOX1 antibody; NADPH thyroid oxidase 1 antibody; flavoprotein NADPH oxidase antibody; nicotinamide adenine dinucleotide phosphate oxidase antibody; anti-DUOX1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	EKFQRSCLHQ TVQ
Sequence Length	1551
Applicable Applications for anti-DUOX1 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence EKFQRSCLHQTVQ, from the internal region of the protein sequence according to NP_059130.2 ; NP_787954.1.
Epitope	Internal region
Note	This antibody is expected to recognise both reported isoforms (NP_059130.2 ; NP_787954.1) which are identical;
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

4ug/ml staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149640
NCBI GeneID	53905

NCBI Accession #	NP_059130.2 ; NP_787954.1
NCBI GenBank Nucleotide #	NM_017434.4
Molecular Weight	137,604 Da
NCBI Official Full Name	dual oxidase 1
NCBI Official Synonym Full Names	dual oxidase 1
NCBI Official Symbol	DUOX1
NCBI Official Synonym Symbols	LNOX1; THOX1; NOXEF1
NCBI Protein Information	dual oxidase 1
UniProt Protein Name	Dual oxidase 1
UniProt Gene Name	DUOX1
UniProt Synonym Gene Names	DUOX; LNOX1; THOX1
UniProt Entry Name	DUOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dual-oxidase-1-antibody-immunohistochemistry-peptide-elisa-elisa/60813>