

DUOXA2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13417b

Specification

DUOXA2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q1HG44
Other Accession	NP_997464.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34787
Antigen Region	286-314

DUOXA2 Antibody (C-term) - Additional Information

Gene ID 405753

Other Names

Dual oxidase maturation factor 2, Dual oxidase activator 2, DUOXA2

Target/Specificity

This DUOXA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 286-314 amino acids from the C-terminal region of human DUOXA2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DUOXA2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DUOXA2 Antibody (C-term) - Protein Information

Name DUOXA2

Function Required for the maturation and the transport from the endoplasmic reticulum to the

plasma membrane of functional DUOX2. May play a role in thyroid hormone synthesis.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

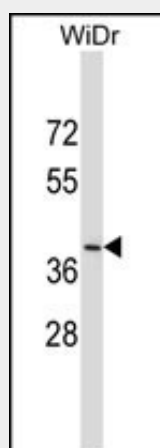
Tissue Location

Specifically expressed in thyroid. Also detected in salivary glands.

DUOX2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DUOX2 Antibody (C-term) - Images

DUOX2 Antibody (C-term) (Cat. #AP13417b) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the DUOX2 antibody detected the DUOX2 protein (arrow).

DUOX2 Antibody (C-term) - Background

This gene encodes an endoplasmic reticulum protein that is necessary for proper cellular localization and maturation of functional dual oxidase 2. Mutations in this gene have been associated with thyroid dysmorphogenesis 5.

DUOX2 Antibody (C-term) - References

Luxen, S., et al. J. Cell. Sci. 122 (PT 8), 1238-1247 (2009) :
Zamproni, I., et al. J. Clin. Endocrinol. Metab. 93(2):605-610(2008)
Eriksson, A., et al. BMC Gastroenterol 8, 34 (2008) :
Grasberger, H., et al. Mol. Endocrinol. 21(6):1408-1421(2007)
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