

Product Datasheet

Goat anti-COX4I1 Antibody (orb19574)

Catalog Number	orb19574
Category	Antibodies
Description	Goat polyclonal antibody to COX4I1
Target	COX4I1
Clonality	Polyclonal
Species/Host	Goat
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Protein Sequence	QGLASKWDYEKNE
RRID	AB_10748826
MW	19.6; 15.4
Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:4000, WB: 0.01-0.03 µg/ml, IHC-P: 2.5 µg/ml

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Application notes

ELISA: Peptide ELISA: antibody detection limit dilution 1:4000.IHC: In paraffin embedded Human Thyroid Gland shows pixulate (mitochondrial) staining in the cytoplasm of epithelial cells. Recommended concentration, 2-4ug/ml.WB: Approx 18kDa band observed in human skeletal muscle lysates (calculated MW of 19.6kDa according to NP_001852.1). Recommended concentration: 0.01-0.03 µg/ml.

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.

Note

For research use only

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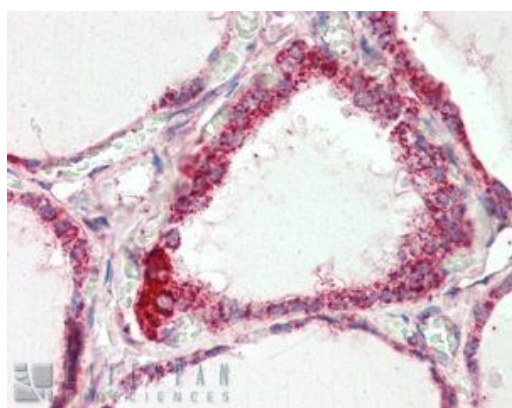
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Expiration Date

12 months from date of receipt.



orb19574 (0.01ug/ml) staining of human muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



orb19574 (2.5ug/ml) staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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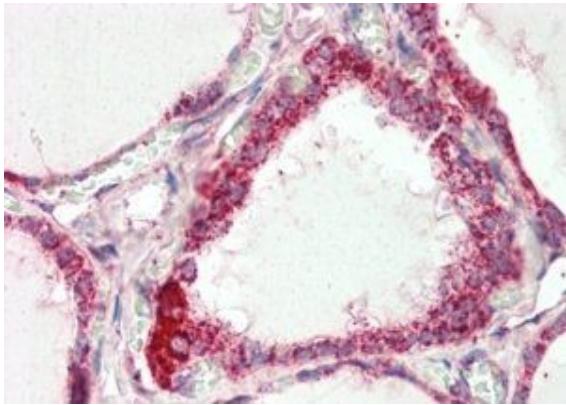
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Immunohistochemical analysis of staining of human muscle lysate using COX4I1 antibody



Western blot analysis of staining of human muscle lysate using COX4I1 antibody

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