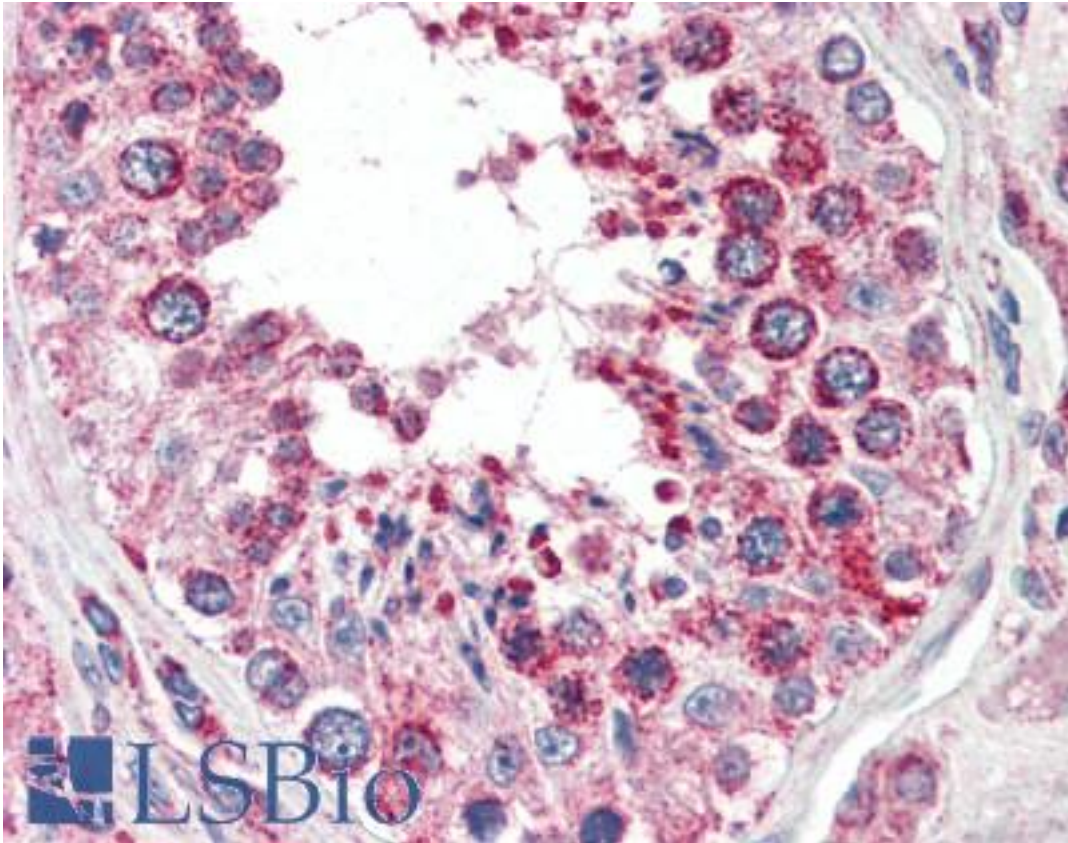


COXIV / COX4 Goat anti-Human Polyclonal (C-Terminus) Antibody - LS-B3256 - LSBio

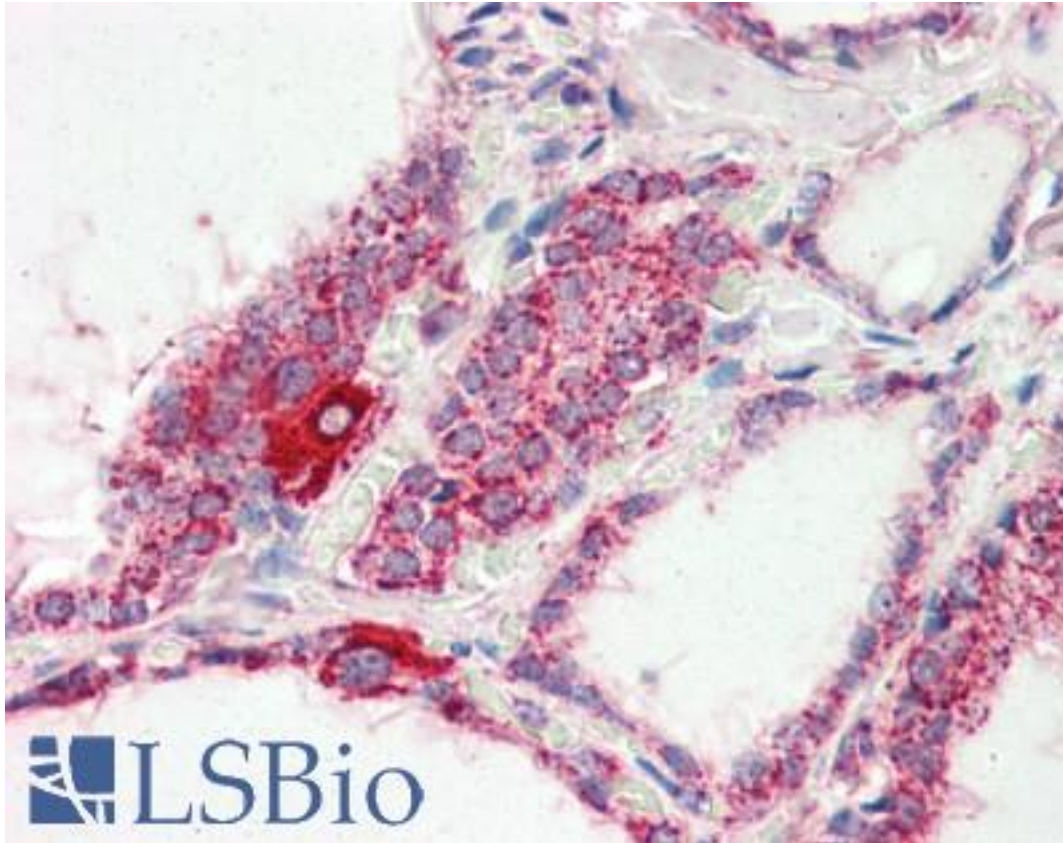
<b>CatalogID:</b>	LS-B3256
<b>Validation:</b>	This antibody replaces catalog number LS-C54676. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	cytochrome c oxidase subunit IV isoform 1 (COX4I1)
<b>Synonyms:</b>	COX4I1 Antibody, COX4-1 Antibody, COX4 Antibody, COX IV-1 Antibody, COXIV Antibody
<b>Host</b>	COX4I1 antibody was produced in Goat
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	COXIV / COX4 antibody was raised against Human
<b>Antigen Type:</b>	Synthetic peptide
<b>Immunogen:</b>	COXIV / COX4 antibody was raised against synthetic peptide C-QGLASKWDYEKNE from the C-terminus of human COX4I1 (NP_001852.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey (100%); Panda, Dog, Bat, Xenopus (85%).
<b>Specificity:</b>	Human COX4I1. This antibody is expected to recognize COX4I1 (GeneID:1327; MW: 19.6kDa) & COX4I2 (GeneID:84701, MW:19.6kDa).
<b>Epitope:</b>	C-Terminus
<b>Reactivity:</b>	Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey
<b>Purification:</b>	Immunoaffinity purified
<b>Presentation:</b>	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
<b>Recommended Storage:</b>	Store at -20°C. Minimize freezing and thawing.
<b>Usage Summary:</b>	Immunohistochemistry: LS-B3256 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B3256 was determined to be 2.5 ug/ml.
<b>Uses:</b>	IHC - Paraffin (2.5 µg/ml), Western blot (1:4000) & (0.01 - 0.03 µg/ml), ELISA (1:4000) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml

**Immunohistochemistry Image:**



Anti-COX411 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B3256 concentration 5 ug/ml.

**Immunohistochemistry Image:**



Anti-COX411 antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B3256 concentration 5 ug/ml.

**Western Blot Image:**



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

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

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