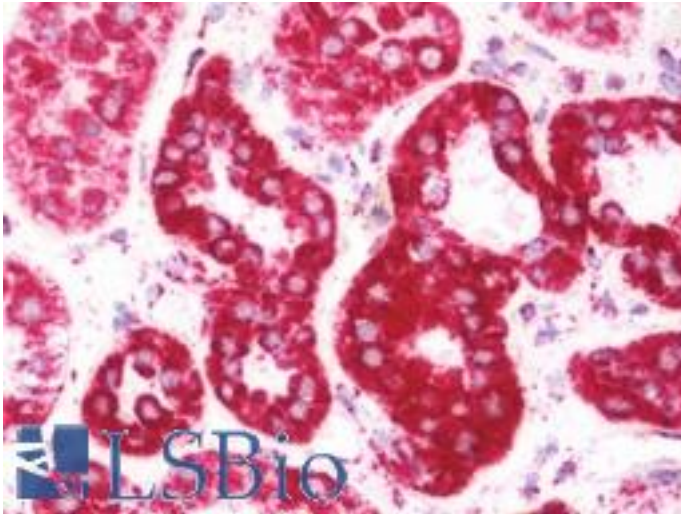


COXIV / COX4 Rabbit anti-Human Polyclonal (aa1-169) Antibody - LS-B10751 - LSBio

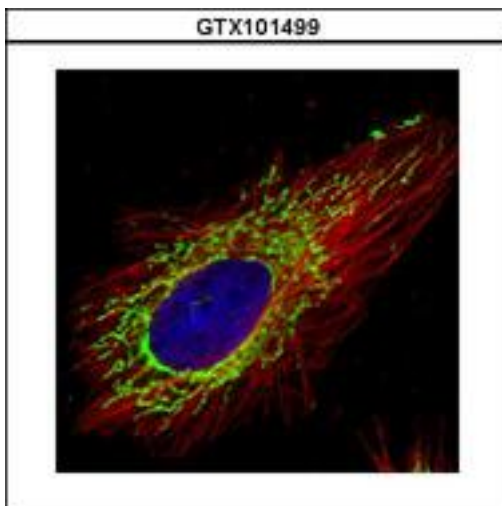
CatalogID:	LS-B10751
Validation:	This antibody replaces catalog number LS-C185407. It has been validated for use in the following assays: IHC-P.
Target:	cytochrome c oxidase subunit IV isoform 1 (COX4I1)
Synonyms:	COX4I1 Antibody, COX4-1 Antibody, COX4 Antibody, COX IV-1 Antibody, COXIV Antibody
Host	COX4I1 antibody was produced in Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	COXIV / COX4 antibody was raised against Human
Antigen Type:	Recombinant protein
Immunogen:	COXIV / COX4 antibody was raised against recombinant fragment corresponding to a region within amino acids 1 and 169 of COX4 (SwissProt P13073). Percent identity by BLAST analysis: Human (100%); Monkey (92%); Bovine (81%).
Specificity:	Human COXIV / COX4
Epitope:	aa1-169
Reactivity:	Human
Purification:	Immunoaffinity purified
Presentation:	0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal
Recommended Storage:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Usage Summary:	IHC-paraffin: Suggested antigen retrieval using heat mediated 10 mM Citrate buffer (pH 6.0) or Tris-EDTA buffer (pH 8.0).
Uses:	IHC - Paraffin (7.5 µg/ml), ICC (1:100 - 1:1000), Western blot (1:500 - 1:3000) (Optimal dilution to be determined by the researcher)
Size:	100 µl
Concentration:	0.38 mg/ml

Immunohistochemistry Image:



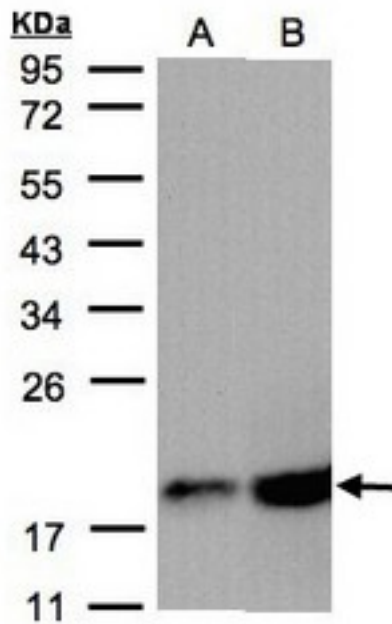
Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

Immunocytochemistry Image:



Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed HeLa using COX4 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with alpha-tubulin antibody (Red) at 1:2000.

Western Blot Image:



Sample (30 ug of whole cell lysate). A: A431, B: MOLT4. 12% SDS PAGE. COXIV / COX4 antibody diluted at 1:2000

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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

Created on 9/23/2014

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