

## Product Datasheet

### COX4I1 Rabbit Polyclonal Antibody (orb330257)

<b>Catalog Number</b>	orb330257
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to COX4I1
<b>Target</b>	COX4I1
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Bovine, Canine, Equine, Guinea pig, Mouse, Rabbit, Rat
<b>Form/Appearance</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Concentration</b>	1.0 mg/ml
<b>Buffer/Preservatives</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Purification</b>	Protein A purified
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human COX4I1
<b>Protein Sequence</b>	Synthetic peptide located within the following region: AISTSVCVRAHESVVKSEDFSLPAYMDRRDHPLPEVAHVKHLASQKALK
<b>UniProt ID</b>	<b>P13073</b>

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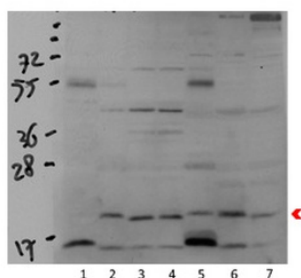
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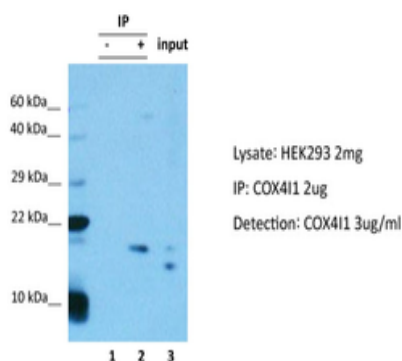
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<b>MW</b>	19kDa
<b>Tested applications</b>	IHC-P, WB
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_001852</b>
<b>Expiration Date</b>	12 months from date of receipt.



COX4I1 antibody - N-terminal region (orb330257) validated by WB using 1. Human liver, 2. Rat liver, 3. Wild-type mouse liver, 4. AMPKa1+2-/- mouse liver, 5. Human muscle, 6. Rat muscle, 7. Mouse muscle at 1:1000.



COX4I1 was immunoprecipitated from 2 mg HEK293 Whole Cell Lysate with orb330257 with 1:200 dilution. Western blot was performed using orb330257 at 1/1000 dilution, Lane 1: Control IP in HEK293 Whole Cell Lysate, Lane 2: COX4I1 IP with orb330257 in HEK293 Whole Cell Lysate, Lane 3: Input of HEK293 Whole Cell Lysate.

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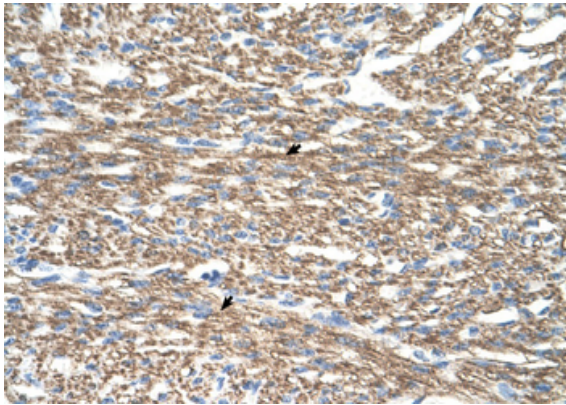
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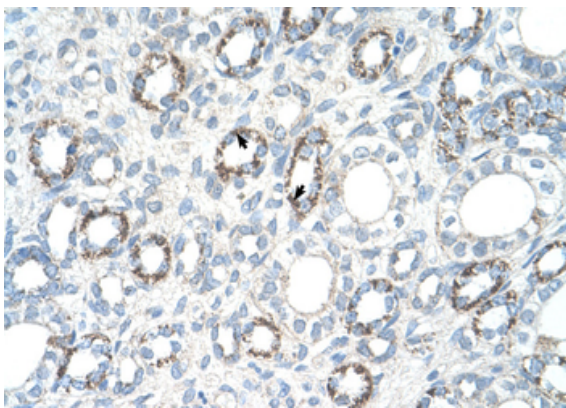
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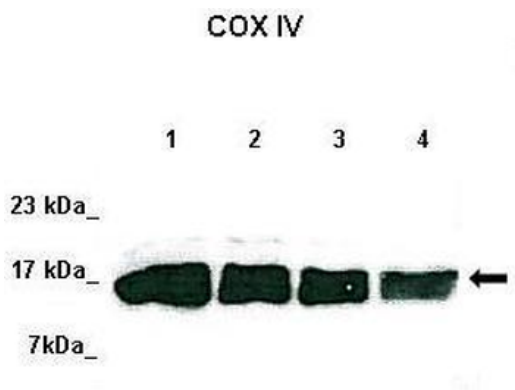
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Human Heart



Human kidney



Lanes: Lane 1: 50 ug HeLa lysate, Lane 2: 50 ug 293T lysate, Lane 3: 50 ug K562 lysate, Lane 4: 50 ug MDA-MB-231 lysate, Primary Antibody Dilution: 1:1000, Secondary Antibody: Anti-rabbit-HRP, Secondary Antibody Dilution: 1:1000, Gene Name: COX4I1.

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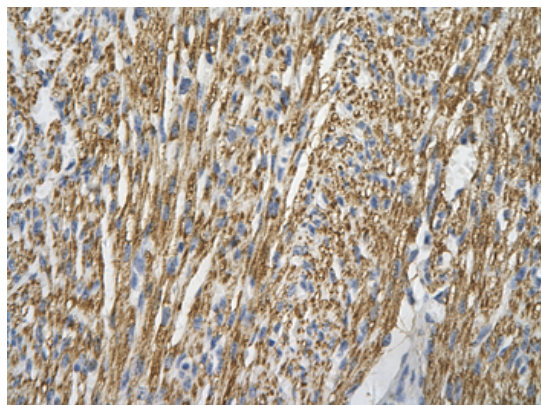
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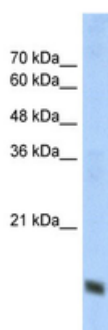
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Rabbit Anti-COX4I1 Antibody, Paraffin Embedded Tissue: Human cardiac cell, Cellular Data: Epithelial cells of renal tubule, Antibody Concentration: 4.0-8.0 ug/mL, Magnification: 400X.



WB Suggested Anti-COX4I1 Antibody Titration: 1.25 ug/mL, Positive Control: HepG2 cell lysate, COX4I1 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells.

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