

## Anti-COX7A2/3 Antibody

Catalog #	Source	Reactivity	Applications
CPA3869	Rabbit	H, M, R, B, D, Mk, S	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to COX7A2/3		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human COX7A2/3. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of COX7A2/3 protein.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
<b>Gene Symbol</b>	COX7A2; COX7A2P2		
<b>Alternative Names</b>	COX7A2P2; COX7A3; COX7AL2; COX7AP2; Putative cytochrome c oxidase subunit 7A3 mitochondrial; Cytochrome c oxidase subunit VIIa 3; COX7A2; COX7AL; Cytochrome c oxidase subunit 7A2 mitochondrial; Cytochrome c oxidase subunit VIIa-liver/heart; Cytochrome c oxidase subunit VIIa-L; Cytochrome c oxidase subunit VIIaL		
<b>Entrez Gene</b>	1347 (Human); 12866 (Mouse); 29507 (Rat)		
<b>SwissProt</b>	O60397, P14406 (Human); P48771 (Mouse); P35171 (Rat)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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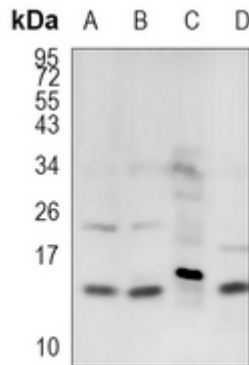
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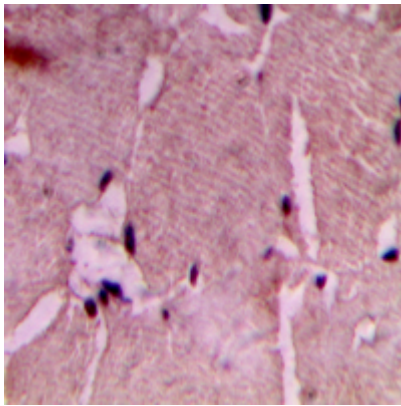
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## Product Data Sheet



Western blot analysis of COX7A2/3 expression in HEK293T (A), H446 (B), CT26 (C), rat testis (D) whole cell lysates. (Predicted band size: 11; 9 kD; Observed band size: 15 kD)



Immunohistochemical analysis of COX7A2/3 staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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