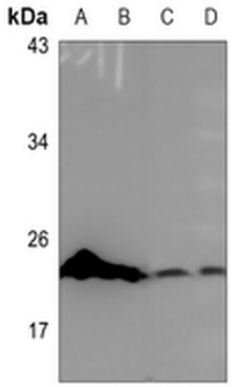
Product Datasheet

Anti-COX4-2 Antibody (orb1422244)

Description	Rabbit polyclonal antibody to COX4-2.
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC, WB
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
Clonality	Polyclonal
Clone Number	COX4I2
Uniprot ID	**Q96KJ9**
Dilution Range	WB: WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/100), IF: WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/100)
Expiration Date	12 months from date of receipt.



Western blot analysis of COX4-2 expression in HEK293T (A), H446 (B), rat lung (C), rat heart (D) whole cell lysates.

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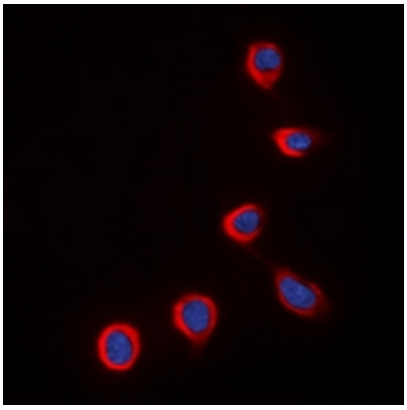
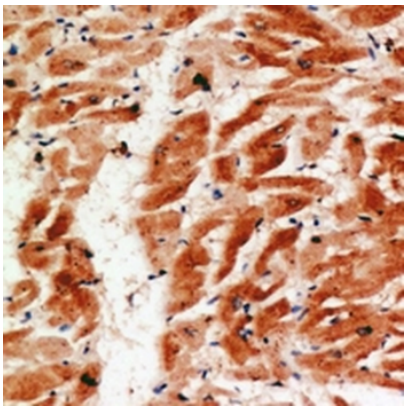


Immunofluorescent analysis of COX4-2 staining in K562 Cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4°C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemical analysis of COX4-2 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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