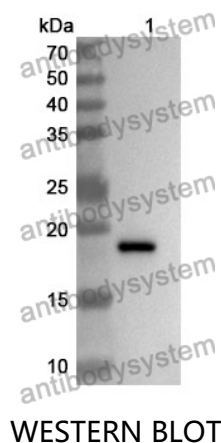


Anti-COX4/COX4I1 Polyclonal Antibody

Summary

Catalog No.	PHC96401
Host species	Rabbit
Tested applications	ELISA: 1:4000-1:8000, IHC: 1:50-1:100, WB: 1:2000-1:8000
Species reactivity	Human
Immunogen	E. coli - derived recombinant Human COX4/COX4I1 (Ala23-Lys169).
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.
Clonality	Polyclonal
Isotype	IgG
Applications	ELISA, IHC, WB
Target	Cytochrome c oxidase polypeptide IV, COX4, COX4I1, COX IV-1, Cytochrome c oxidase subunit 4 isoform 1, mitochondrial, Cytochrome c oxidase subunit IV isoform 1
Purification	Purified by antigen affinity column.
Accession	P13073
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.
Note	For research use only.

Data Image



Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with COX4/COX4I1 antibody (PHC96401) at 1 μ g/ml.

Lane 1: Recombinant protein

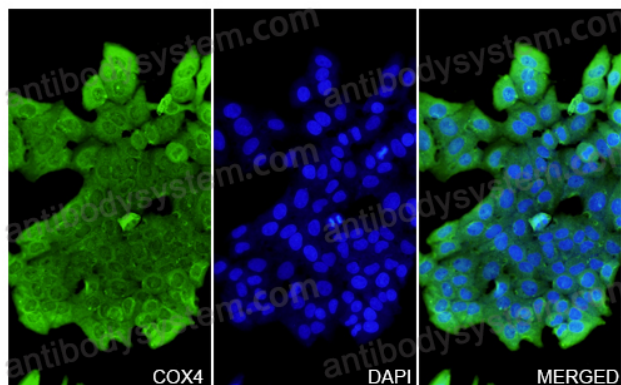
Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 μ g/mL.

Predict MW: 20 kDa

Observed MW: 20 kDa

COX4 / COX4I1 in HepG2 Cell Line.

The HepG2 cells were fixed with 4% paraformaldehyde (20 min), and then blocked with 5% goat serum for 1h. And the cells were incubated for 2h at 37°C with COX4 / COX4I1 (PHC96401) at 15.2 μ g/ml. The section was then incubated with Goat Anti-Rabbit IgG (Alexa Fluor-488) preabsorbed at 1/100 dilution (Shown in green) for 1 hour at room temperature. Nuclear DNA was labelled with DAPI (shown in blue).



Immunocytochemistry/ Immunofluorescence