

Product Datasheet

COX IV COX4I1 Rabbit Monoclonal Antibody (orb548370)

Catalog Number	orb548370
Category	Antibodies
Description	Anti-COX IV COX4I1 Rabbit Monoclonal Antibody. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Clonality	Monoclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human COX IV
UniProt ID	P13073
MW	17 kDa
Tested applications	FC, ICC, IF, IHC, IP, WB
Application notes	WB 1:500-2000IHC 1:50-200ICC/IF 1:50-200IP 1:20FC 1:20. Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Antibody Type	Primary Antibody

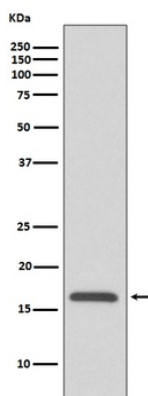
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Clone Number	AIC-3
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Western blot analysis of COX IV expression in HepG2 cell lysate (orb548370). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-COX4I1 monoclonal antibody (Catalog # orb548370) overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # orb90503) with Tanon 5200 system. A specific band was detected for COX4I1.

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