

Product Datasheet

COX4I1 Rabbit Polyclonal Antibody (orb182884)

Catalog Number	orb182884
Category	Antibodies
Description	COX4I1 Rabbit Polyclonal Antibody
Target	COX4I1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Canine, Equine, Porcine
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human COX4I1 (51-169/169aa)
UniProt ID	P13073
MW	16 kDa
Tested applications	IF, IHC-Fr, IHC-P, WB

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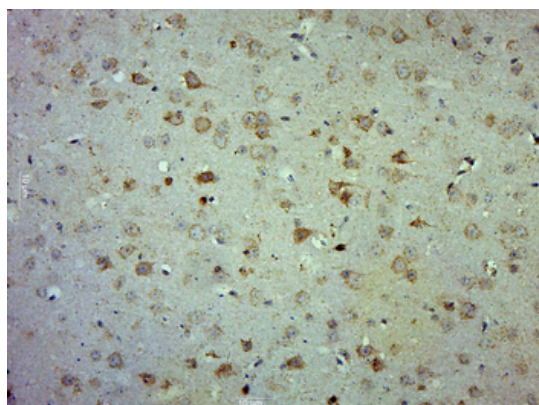
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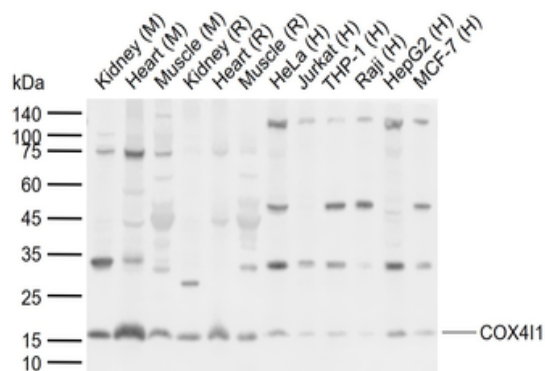
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Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (COX4) Polyclonal Antibody, Unconjugated (orb182884) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



Sample: Lane 1: Mouse Kidney tissue lysates, Lane 2: Mouse Heart tissue lysates, Lane 3: Mouse Muscle tissue lysates, Lane 4: Rat Kidney tissue lysates, Lane 5: Rat Heart tissue lysates, Lane 6: Rat Muscle tissue lysates, Lane 7: Human HeLa cell lysates, Lane 8: Human Jurkat cell lysates, Lane 9: Human THP-1 cell lysates, Lane 10: Human Raji cell lysates, Lane 11: Human HepG2 cell lysates, Lane 12: Human MCF-7 cell lysates, Primary: Anti-COX4I1 (orb182884) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 17 kDa, Observed band size: 16 kDa.

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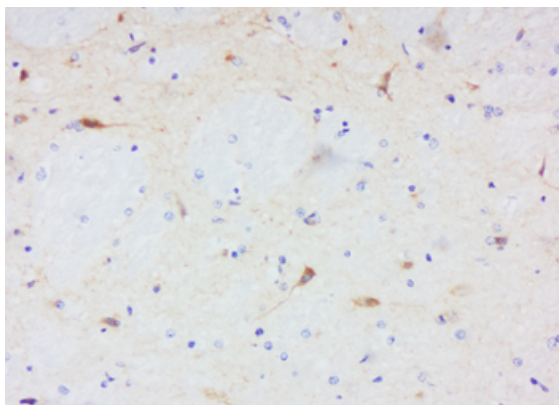
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Tissue/Cell: Rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-COX4 Polyclonal Antibody, Unconjugated (orb182884) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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