

Product Datasheet

COX1/MTCO1 Rabbit Polyclonal Antibody (orb5899)

Description	COX1/MTCO1 Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC-Fr, IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from human COX1 (401-500/513aa)
Target	MT-CO1
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
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
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	57 kDa
Uniprot ID	P00395
Dilution Range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500

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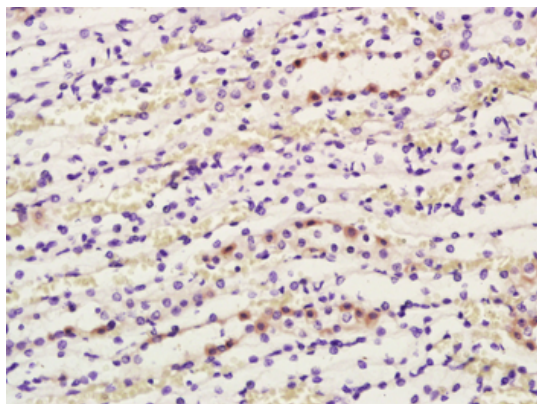
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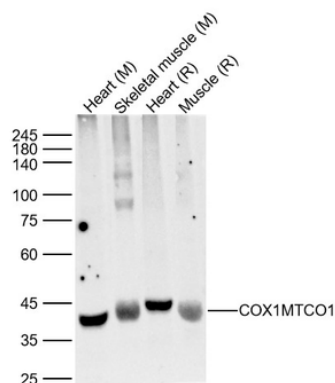
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Expiration Date

12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (Rat kidney), 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 (COX1) Polyclonal Antibody, Unconjugated (orb5899) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



Sample: Lane 1: Mouse Heart Lysates, Lane 2: Mouse Skeletal muscle Lysates, Lane 3: Rat Heart Lysates, Lane 4: Rat Muscle Lysates, Primary: Anti-COX1MTCO1 (orb5899) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 57kDa, Observed band size: 45kDa.

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