

# Product Datasheet

## MTCO1 Antibody (RB24524)

### NBP2-29949

Unit Size: 0.4 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-29949**

MTCO1 Antibody (RB24524)

Product Information	
Unit Size	0.4 ml
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Clone	RB24524
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	57.041 kDa

Product Description	
Host	Rabbit
Gene ID	4512
Gene Symbol	COX1
Species	Human
Reactivity Notes	Predicted to react with Rat, Rabbit, Zebrafish, Pig, Chicken, Xenopus, Bovine, Sheep, Horse, and Mouse.
Immunogen	This COXI antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 195-224 amino acids from the Central region of human COXI.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000, Immunocytochemistry/ Immunofluorescence 1:25

**Publications**

Wang YP, Sharda A, Xu SN et al. Malic enzyme 2 connects the Krebs cycle intermediate fumarate to mitochondrial biogenesis Cell metabolism 2021-03-23 [PMID: 33770508] (WB)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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