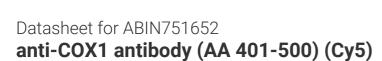
antibodies -online.com







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Quantity:	100 μL	
Target:	COX1	
Binding Specificity:	AA 401-500	
Reactivity:	Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This COX1 antibody is conjugated to Cy5	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human COX1	
Isotype:	IgG	
Cross-Reactivity:	Mouse, Rat	
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Chicken,Rabbit	
Purification:	Purified by Protein A.	

Target Details

Target:	COX1
Alternative Name:	COX1/MTCO1 (COX1 Products)

Target Details

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Background:	Synonyms: COI, COX I, COXI, Cytochrome c oxidase polypeptide I, Cytochrome C Oxidase	
	subunit I, Mitochondrially encoded cytochrome c oxidase I, MT CO1, MTCO 1, MTCO1, MT-CO1,	
	MTCO1, Cytochrome c oxidase subunit 1, COX1_HUMAN.	
	Background: Cytochrome c oxidase is the component of the respiratory chain that catalyzes the	
	reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. CO	
	I is the catalytic subunit of the enzyme. Electrons originating in cytochrome c are transferred via	
	the copper A center of subunit 2 and heme A of subunit 1 to the bimetallic center formed by	
	heme A3 and copper B. This protein is involved in the pathway oxidative phosphorylation, which	
	is part of Energy metabolism.	
Gene ID:	4512	
UniProt:	P00395	
Pathways:	Proton Transport	
Application Details		
Application Notes:	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
	50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	