COX7C Conjugated Antibody

Catalog No: #C43250

Package Size: #C43250-AF350 100ul #C43250-AF405 100ul #C43250-AF488 100ul #C43250-AF555 100ul #C43250-AF594 100ul #C43250-AF647 100ul #C43250-AF680 100ul #C43250-AF750 100ul #C43250-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	COX7C Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rat
Specificity	The antibody detects endogenous levels of total COX7C protein.
Immunogen Description	Synthetic peptide of human COX7C
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	COX7C; Cytochrome c oxidase polypeptide VIIc; Cytochrome c oxidase subunit 7C, mitochondrial; cytochrome c oxidase subunit VIIc
Accession No.	Swiss-Prot#:P15954NCBI Gene ID:1350NCBI mRNA#:NP_001858NCBI Protein#:
Uniprot	P15954
GeneID	1350;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	7KD
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex.

Note: This product is for in vitro research use only