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Product datasheet for TA371659

COX7C Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse heart and muscle tissue IHC: 10-50 Positive control: Human breast cancer Predicted cell location: Cytoplasm or Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human COX7C
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	7 kDa
Gene Name:	cytochrome c oxidase subunit 7C
Database Link:	Entrez Gene 1350 Human P15954
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.

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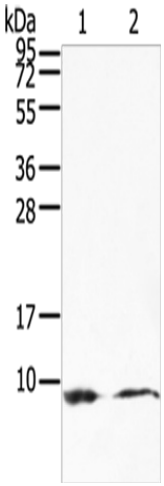
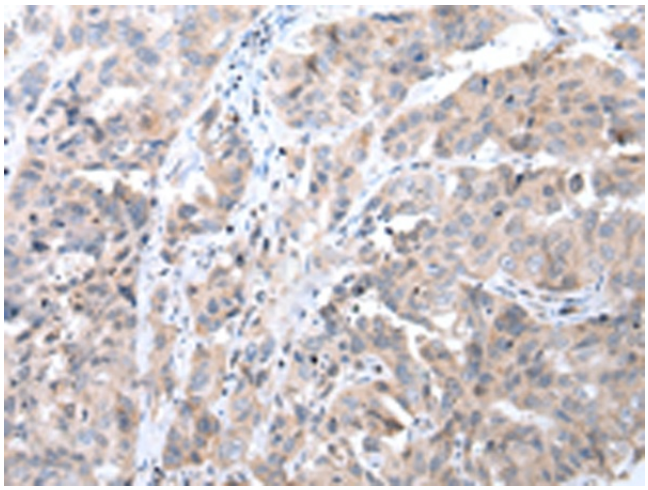
Synonyms: COX7C

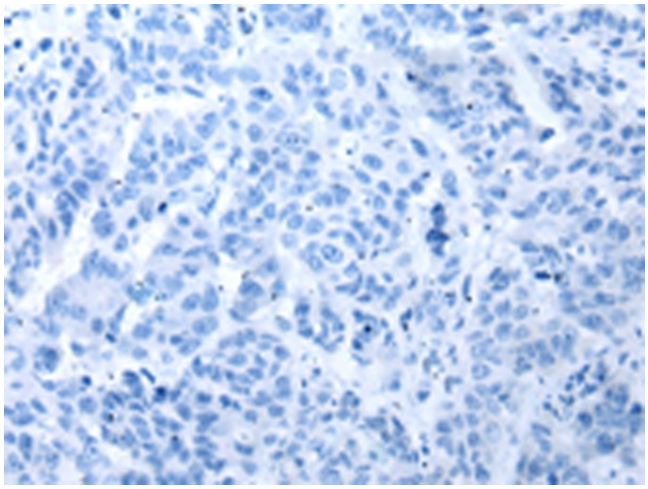
Product images:



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Mouse heart and muscle tissue
Primary antibody: TA371659 (COX7C Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA371659 (COX7C Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA371659 (COX7C Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)