

# COX7C Polyclonal Antibody

catalog number: E-AB-53363

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

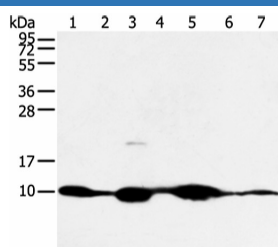
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Synthetic peptide of human COX7C
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

## Applications

## Recommended Dilution

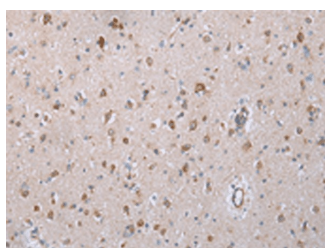
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:30-1:150

## Data

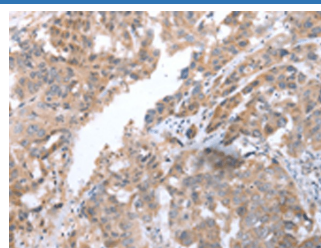


Western blot analysis of Mouse muscle and human fetal muscle tissue mouse heart tissue and PC3 cell mouse kidney and small intestines tissue 231 cell using COX7C Polyclonal Antibody at dilution of 1:300

**Observed-MV: Refer to figures**  
**Calculated-MV: 7 kDa**



Immunohistochemistry of paraffin-embedded Human brain tissue using COX7C Polyclonal Antibody at dilution of 1:40(×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using COX7C Polyclonal Antibody at dilution of 1:40(×200)

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

## For Research Use Only

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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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