

A3797

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## COX5B Rabbit pAb

Catalog No.: A3797

### Basic Information

#### Observed MW

13kDa

#### Calculated MW

14kDa

#### Category

Polyclonal Antibody

#### Applications

WB

#### Cross-Reactivity

Human,Mouse,Rat

### Background

Cytochrome C oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer and proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit Vb of the human mitochondrial respiratory chain enzyme.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

#### Gene ID

1329

#### Swiss Prot

P10606

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

#### Synonyms

COXVB; COX5B

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

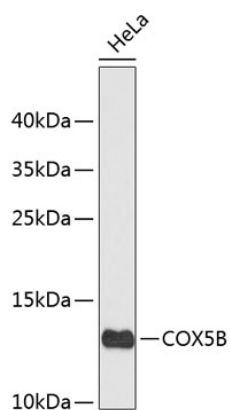
#### Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,pH7.3.

## Validation Data

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Western blot analysis of lysates from HeLa cells, using COX5B Rabbit pAb (A3797).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.