

RK05637

Leader in Biomolecular Solutions for Life Science



## [One Step] COX5B Antibody Kit

Catalog No.: RK05637

### Basic Information

#### Applications

#### Cross-Reactivity

Human, Mouse, Rat

#### Observed MW

14kDa/

#### Calculated MW

14kDa

#### Category

Antibody kit

### 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.

### Product Information

#### Source

Rabbit

#### Purification

#### Storage

Avoid repeated freeze-thaw cycles.

### Contact



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

### Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05637-1	COX5B Rabbit pAb	14kDa
RK05637-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	14kDa/

### Immunogen Information

#### Gene ID

1329

#### Swiss Prot

P10606

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 32-129 of human COX5B (NP\_001853.2).

#### Synonyms

COXVB; COX5B