

## Cytochrome c1 Rabbit pAb

CatalogNo: YT1258 Orthogonal Validated

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, IF, ELISA

#### MW

- 35kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

WB 1:500-2000

IF/ICC1:100-500

ELISA 1:5000-20000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human CYC1. AA range:132-181

**Specificity** Cytochrome c1 Polyclonal Antibody detects endogenous levels of Cytochrome c1 protein.

### Target Information

**Gene name** CYC1

**Protein Name** Cytochrome c1 heme protein mitochondrial

**Organism**

**Gene ID**

**UniProt ID**

Human

[1537](#);

[P08574](#);

Mouse

[66445](#);

[Q9D0M3](#);

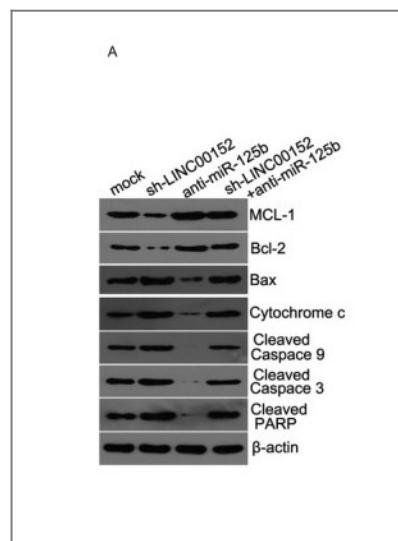
**Cellular Localization** Mitochondrion inner membrane ; Single-pass membrane protein .

**Tissue specificity** Brain,Kidney,Lung,Skin,

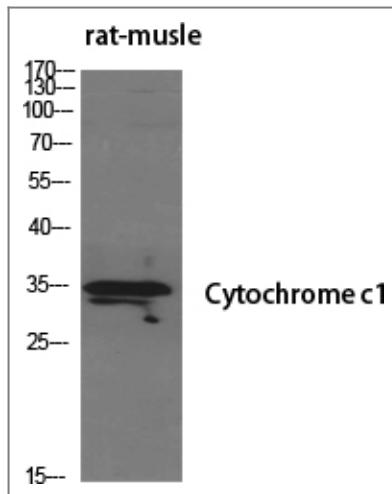
**Function**

Function:This is the heme-containing component of the cytochrome b-c1 complex, which accepts electrons from Rieske protein and transfers electrons to cytochrome c in the mitochondrial respiratory chain.,PTM:Binds 1 heme group per subunit.,similarity:Belongs to the cytochrome c family.,subunit:The bc1 complex contains 11 subunits: 3 respiratory subunits (cytochrome b, cytochrome c1 and Rieske/UQCRCFS1), 2 core proteins (UQCRC1/QCR1 and UQCRC2/QCR2) and 6 low-molecular weight proteins (UQCRC1/QCR6, UQCRCB/QCR7, UQCRCQ/QCR8, UQCRC10/QCR9, UQCRC11/QCR10 and a cleavage product of Rieske/UQCRCFS1),.

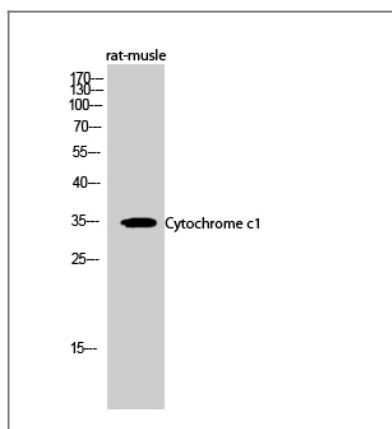
## Validation Data



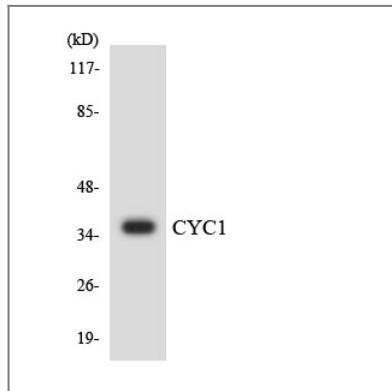
Chen, Puxiang, et al. "Long noncoding RNA LINC00152 promotes cell proliferation through competitively binding endogenous miR-125b with MCL-1 by regulating mitochondrial apoptosis pathways in ovarian cancer." *Cancer medicine* 7.9 (2018): 4530-4541.



Western Blot analysis of various cells using Cytochrome c1 Polyclonal Antibody diluted at 1:500



Western Blot analysis of rat-muscle cells using Cytochrome c1 Polyclonal Antibody diluted at 1:500



Western blot analysis of the lysates from HUVEC cells using CYC1 antibody.

## Contact information

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**Cytochrome c1 Rabbit pAb**