

Cytochrome c Antibody

Rabbit Polyclonal Antibody Catalog # ABV10257

## Specification

# **Cytochrome c Antibody - Product Information**

WB P62898.2 NP\_036971 Rat Rabbit Polyclonal Rabbit IgG

#### Cytochrome c Antibody - Additional Information

Application & Usage

Western blotting (0.5-4  $\mu$ g/ml) and immunoprecipitation (10-20  $\mu$ g/ml). The cytochrome c antibody detects the 12.6 kDa cytochrome c from human, mouse, and rat samples. Jurkat cell lysate, NIH3T3 cell lysate, and rat kidney tissue lysate can be used as positive controls.

Other Names CYCS, CYC

Target/Specificity Cytochrome c

Antibody Form Liquid

Appearance Colorless liquid

**Formulation** 100  $\mu$ g (0.2 mg/ml) affinity purified rabbit anti-Cytochrome c polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling The antibody solution should be gently mixed before use.

Reconstitution & Storage -20 °C

**Background Descriptions** 

#### **Precautions**

Cytochrome c Antibody is for research use only and not for use in diagnostic or therapeutic



procedures.

# Cytochrome c Antibody - Protein Information

#### Cytochrome c Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

# Cytochrome c Antibody - Images



Western blot analysis of cytochrome c expression in rat kidney tissue lysate.

## Cytochrome c Antibody - Background

Cytochrome c (m.w. 12,500) is an electron transport protein from mitochondria. It is released from mitochondria to cytoplasm during the early stages of apoptosis, prior to caspase activation, DNA fragmentation, and loss of membrane potential. The cytoplasmic cytochrome c is associated with Apaf-1 and caspase-9 to activate caspase-3 and other caspases