

Cytochrome c Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10258**Specification**

Cytochrome c Antibody - Product Information

Application	WB, IP
Primary Accession	P62894
Reactivity	Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	11704

Cytochrome c Antibody - Additional Information**Gene ID** 100847700;510767**Application & Usage**

Western blotting (0.5-4 µg/ml) and immunoprecipitation (10-20 µg/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 µg (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

Name CYCS

Synonyms CYC

Function

Electron carrier protein. The oxidized form of the cytochrome c heme group can accept an electron from the heme group of the cytochrome c1 subunit of cytochrome reductase. Cytochrome c then transfers this electron to the cytochrome oxidase complex, the final protein carrier in the mitochondrial electron-transport chain.

Cellular Location

Mitochondrion intermembrane space. Note=Loosely associated with the inner membrane

Cytochrome c Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cytochrome c Antibody - Images**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