

Cytochrome C Antibody

Rabbit mAb Catalog # AP90735

Specification

Cytochrome C Antibody - Product Information

Application WB, IHC, ICC, IP

Primary Accession P99999
Reactivity Rat

Clonality Monoclonal

Other Names

CYC; CYCS; Cytochrome c; HCS; THC4;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 11749 Da

Cytochrome C Antibody - Additional Information

Dilution **WB~~1:1000**

IHC~~1:100~500

ICC~~N/A IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

Cytochrome C

Description Cytochrome C is a well conserved

electron-transport protein and is part of

the respiratory chain localized to

mitochondrial intermembrane space. Plays a role in apoptosis. Suppression of the anti-apoptotic members or activation of the pro-apoptotic members of the Bcl-2 family leads to altered mitochondrial membrane permeability resulting in release of cytochrome C into the cytosol.

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at $+4^{\circ}\text{C}$ short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

Cytochrome C Antibody - Protein Information

Name CYCS

Synonyms CYC

Storage Condition and Buffer

Function





Tel: 858.875.1900 Fax: 858.875.1999

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

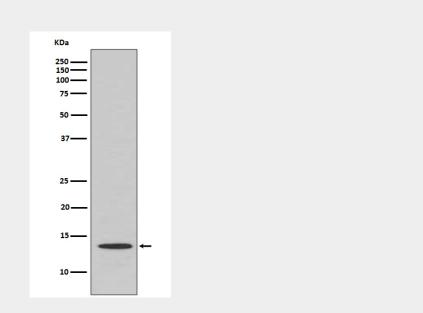
Mitochondrion intermembrane space. Note=Loosely associated with the inner membrane

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
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Cytochrome C Antibody - Images



Western blot analysis of Cytochrome C expression in Human kidney lysate.