

# Cytochrome C Antibody

Rabbit mAb

Catalog # AP90735

## Product Information

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<b>Application</b>	WB, IHC, IF, ICC, IP, IHF
<b>Primary Accession</b>	<a href="#">P99999</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	CYC; CYCS; Cytochrome c; HCS; THC4;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	11749

## Additional Information

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<b>Dilution</b>	WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:30
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Cytochrome C
<b>Description</b>	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.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

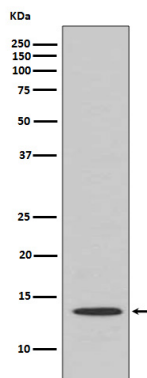
## Protein Information

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<b>Name</b>	CYCS
<b>Synonyms</b>	CYC
<b>Function</b>	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.
<b>Cellular Location</b>	Mitochondrion intermembrane space. Note=Loosely associated with the inner membrane

## Images

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

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Immunohistochemical analysis of paraffin-embedded human liver, using Cytochrome C Antibody.

Image not found : 202311/AP90735-IF.jpg

Immunofluorescent analysis of Hela cells, using Cytochrome C Antibody.

Image not found : 202311/AP90735-wb4.jpg

Taurine protects INS-1 cells from apoptosis induced by Di(2-ethylhexyl) phthalate via reducing oxidative stress and autophagy. -Toxicology Mechanisms and Methods

Image not found : 202311/AP90735-wb5.jpg

Pyrroloquinoline quinine ameliorates doxorubicin-induced autophagy-dependent apoptosis via lysosomal-mitochondrial axis in vascular endothelial cells. -Toxicology

Image not found : 202311/AP90735-wb6.jpg

Mechanistic insights into geniposide regulation of bile salt export pump (BSEP) expression. -RSC Advances

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.