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Cytochrome C Antibody

Rabbit mAb
Catalog # AP90735

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P99999
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	CYC; CYCS; Cytochrome c; HCS; THC4;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	11749

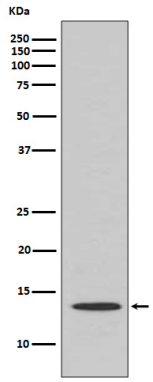
Additional Information

Dilution	WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:30
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.
Storage Condition and Buffer	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

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

Images



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