

# Cytochrome c Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50048

## Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">P99999</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Calculated MW</b>	11749

## Additional Information

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<b>Gene ID</b>	54205
<b>Other Names</b>	Cytochrome c, CYCS, CYC
<b>Dilution</b>	WB~~ 1:500-1:1000 IHC~~1:50-1:100
<b>Format</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
<b>Storage Conditions</b>	-20°C

## 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

## Background

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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.

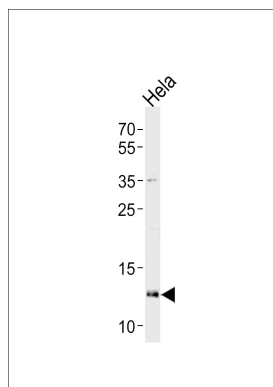
## References

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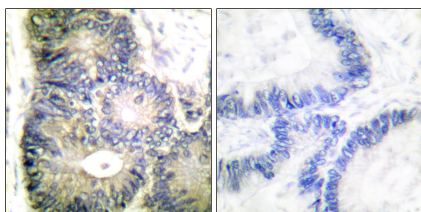
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Kalnina N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Hillier L.W.,et al.Nature 424:157-164(2003).

## Images

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Western blot analysis of lysates from HeLa cell line ,using Cytochrome c Antibody(C0170). C0170 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug.



Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using Cytochrome c antibody .

## Citations

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- [Isochamaejasmin induces toxic effects on Helicoverpa zea via DNA damage and mitochondria-associated apoptosis](#)
- [Changes in the mitochondrial protein profile due to ROS eruption during ageing of elm \(Ulmus pumila L.\) seeds.](#)

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