

Rabbit Cytochrome c Polyclonal Antibody | anti-CYCS antibody

Cytochrome c Antibody

CATALOG # AAA307029	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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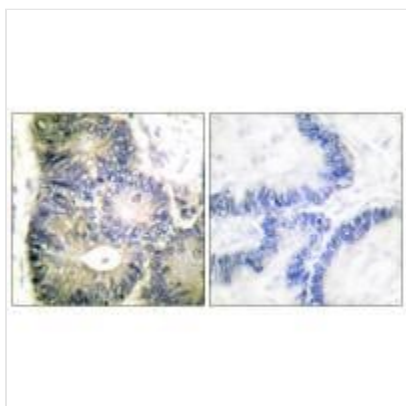
PRODUCT SYNONYMS

Cytochrome c; Polyclonal Antibody; Cytochrome c Antibody; CYCS; CYC; anti-CYCS antibody

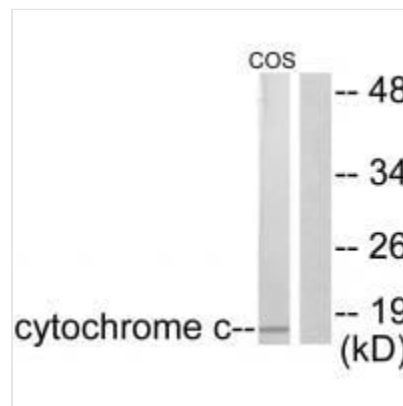
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Cytochrome c protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	105
Applicable Applications for anti-CYCS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Cytochrome c.
Target Name	Cytochrome c
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

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


WB (Western Blot)

Western blot analysis of extracts from COS7 cells, using Cytochrome c antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYCS antibody	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.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. Binding of cytochrome c to Apaf-1 triggers the activation of caspase-9, which then accelerates apoptosis by activating other caspases.R. Pullerits, Rheumatology, Jan 2005; 44: 32 - 39.Bogdan Polevoda, J. Biol. Chem., Jun 2000; 275: 20508Larry A. Allen, J. Biol. Chem., Jan 1995; 270: 110.Akemi MATSUSHIMA, J. Biochem. (Tokyo), Jan 1986; 100: 543 - 551.
Product Categories/Family for anti-CYCS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	11128019
NCBI GeneID	54205
NCBI Accession #	NP_061820.1
NCBI GenBank Nucleotide #	NM_018947.5
UniProt Accession #	P99999; P00001; Q6NUR2; Q6NX69; Q96BV4; A4D166; B2R411
Molecular Weight	11,749 Da
NCBI Official Full Name	cytochrome c
NCBI Official Synonym Full Names	cytochrome c, somatic
NCBI Official Symbol	CYCS
NCBI Official Synonym Symbols	CYC; HCS; THC4
NCBI Protein Information	cytochrome c
UniProt Protein Name	Cytochrome c
UniProt Gene Name	CYCS
UniProt Synonym Gene Names	CYC
UniProt Entry Name	CYC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-c-antibody-immunohistochemistry-western-blot-elisa/307029>