

## **Product Data Sheet**

### **Anti-Cytochrome c Antibody**

Catalog #	Source	e Reactivity	Applications		
CPA7520	Rabbit	H, M, R	WB, IH		
Description		Rabbit polyclonal antibody to Cytochrome c			
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term				
		region of human Cytochrome c. The exact sequence is proprietary.			
Purification		The antibody was purified b	y immunogen affinity chromatography.		
Specificity		Recognizes endogenous lev	els of Cytochrome c protein.		
Clonality		Polyclonal			
Conjugation					
Form		Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol,			
		and 0.01% sodium azide.			
Dilution		WB (1/500 - 1/2000), IH (1/50	) - 1/200)		
Gene Symbol		CYCS			
Alternative Na	ames	CYC; Cytochrome c			
Entrez Gene		54205 (Human)			
SwissProt		P99999 (Human)			
Storage/Stabi	lity	Shipped at 4°C. Upon delive	ry aliquot and store at -20°C for one year. Avoid		
		freeze/thaw cycles.			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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**kDa** A B 70 51 38 28 19 16 **—** — Western blot analysis of Cytochrome c expression in Hela (A), A549 (B) whole cell lysates. (Predicted band size: 11 kD; Observed band size: 15 kD)



Immunohistochemical analysis of Cytochrome c staining in human skeletal muscle formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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