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anti-Cytochrome C antibody



Images



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Quantity:	200 μL
Target:	Cytochrome C (CYCS)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytochrome C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

lmmunogen:	KLH conjugated Synthetic peptide corresponding to Mouse Cytochrome c	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	Cytochrome C (CYCS)	
Alternative Name:	CYCS (CYCS Products)	
Background:	Cytochrome c is a 12-15 kDa electron transporting protein located in the inner mitochondrial	
	membrane. Upon apoptotic stimulation, cytochrome c can be released from mitochondria into	
	cytoplasm,resulting in caspase-3 activation and apoptosis. Measurement of cytochrome c	
	release from the mitochondria is useful for detection of the onset of apoptosis in cells. In	

Target Details

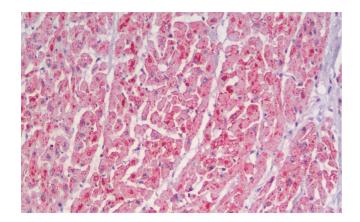
	addition,cytochrome c can also leave cells and be detectable in extra-cellular medium of apoptotic cells and serum of cancer patients. The level of serum cytochrome c may serve as a prognostic maker during cancer therapy.
Molecular Weight:	Observed_MW: 12 kDa Calculated_MW: 12 kDa
UniProt:	P99999, P62898, P62897
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:500-1:1000, IF 1:200-1:800
Restrictions:	For Research Use only

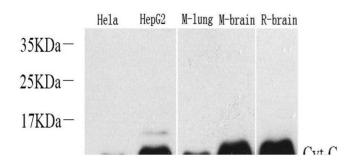
Handling

Format:	Liquid
Concentration:	1.5 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



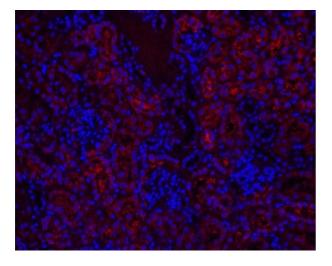
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis of paraffinembedded Human Heart using CYCS Polyclonal Antibody.



Western Blotting

Image 2. Western Blot analysis of various samples using CYCS Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence

Image 3. Immunofluorescence analysis of paraffinembedded mouse kidney using CYCS Polyclonal Antibody at dilution of 1:500.

Please check the product details page for more images. Overall 5 images are available for ABIN7249416.