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Datasheet for ABIN6261178
anti-Cytochrome C antibody

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Overview

Quantity:	100 µL
Target:	Cytochrome C (CYCS)
Reactivity:	Human, Rat, Mouse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytochrome C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human Cytochrome c
Isotype:	IgG
Specificity:	Cytochrome c antibody detects endogenous levels of total Cytochrome c
Cross-Reactivity:	Human, Monkey, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Cytochrome C (CYCS)
Alternative Name:	Cytochrome c (CYCS Products)

Target Details

Background:	Description: 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. Gene: CYCS
Molecular Weight:	15kDa
Gene ID:	54205
UniProt:	P99999
Pathways:	Apoptosis , Caspase Cascade in Apoptosis , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB: 1:500~1:3000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

Handling

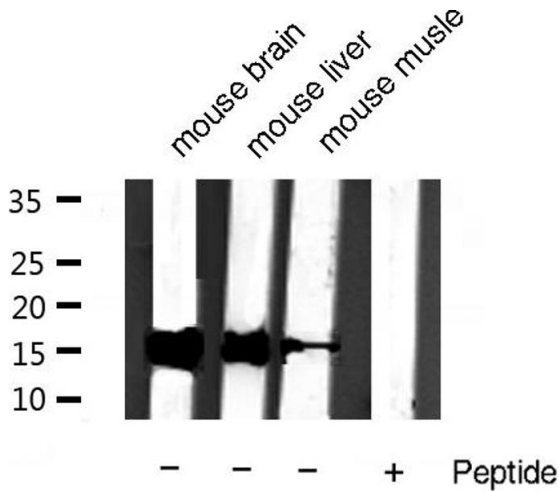
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months

Publications

Product cited in:	Xia, Wang, Song, Meng, Huang, Huang: "Gambogic acid sensitizes gemcitabine efficacy in pancreatic cancer by reducing the expression of ribonucleotide reductase subunit-M2 (RRM2)." in: Journal of experimental & clinical cancer research : CR , Vol. 36, Issue 1, pp. 107, (2018) (
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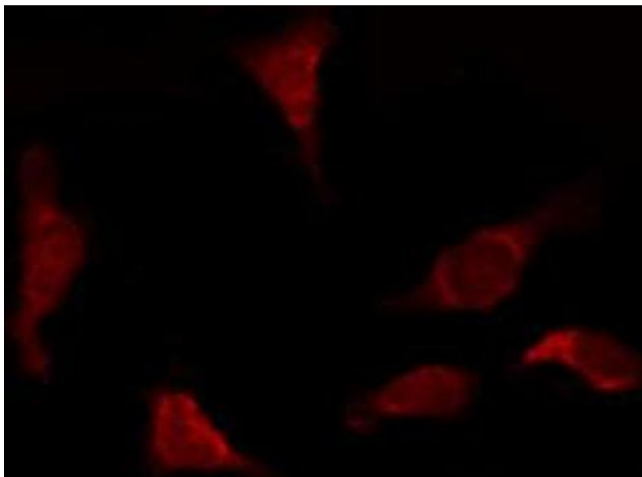
[PubMed](#)).

Images



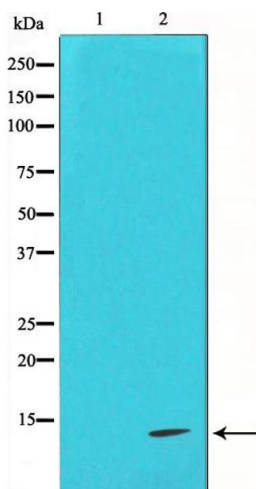
Western Blotting

Image 1. Western blot analysis of extracts of various samples,using Cytochrome c Antibody.



Immunofluorescence (fixed cells)

Image 2. ABIN6266526 staining COS7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blotting

Image 3. Western blot analysis on COS7 cell lysate using Cytochrome c Antibody,The lane on the left is treated with the antigen-specific peptide.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6261178.