

## CYCS Polyclonal Antibody

catalog number: E-AB-70033

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

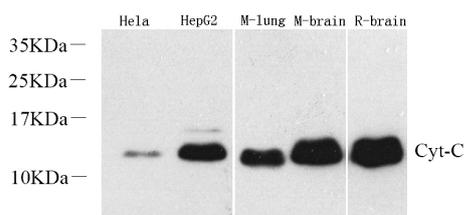
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse Cytochrome c
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

### Applications

### Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:500-1:1000
<b>IF</b>	1:200-1:800

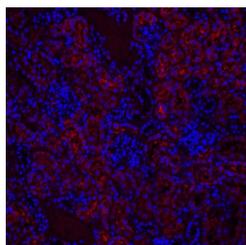
### Data



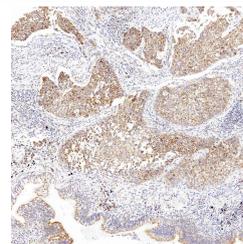
Western Blot analysis of various samples using CYCS Polyclonal Antibody at dilution of 1:1000.

**Observed-MW:12 kDa**

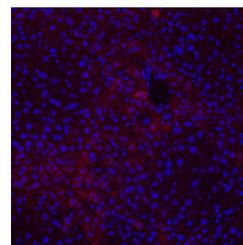
**Calculated-MW:12 kDa**



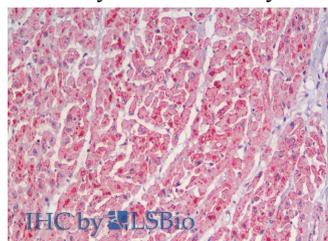
Immunofluorescence analysis of paraffin-embedded mouse kidney using CYCS Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using CYCS Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of paraffin-embedded mouse liver using CYCS Polyclonal Antibody at dilution of 1:500.



### For Research Use Only

Immunohistochemistry analysis of paraffin-embedded Human Heart using CYCS Polyclonal Antibody(Elabscience Product Detected by Lifespan).

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

## 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 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.

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