

CYCS Polyclonal Antibody

catalog number: E-AB-70033

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

Description

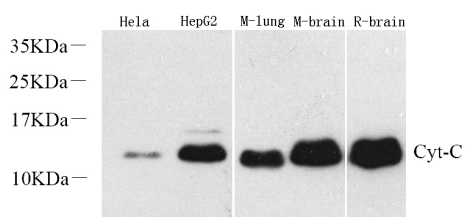
Reactivity	Human;Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Cytochrome c
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:500-1:1000
IF	1:200-1:800

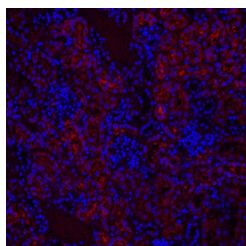
Data



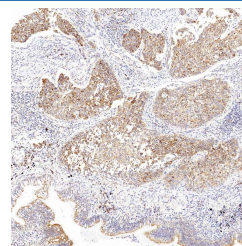
Western Blot analysis of various samples using CYCS Polyclonal Antibody at dilution of 1:1000.

Observed-MW:12 kDa

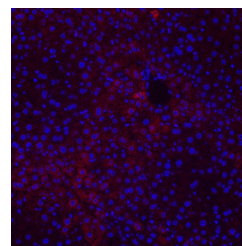
Calculated-MW:12 kDa



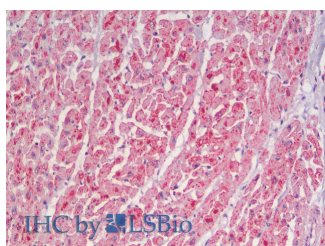
Immunofluorescence analysis of paraffin-embedded mouse kidney using CYCS Polyclonal Antibody at dilution of 1:500.



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.



IHC by ELABscience

For Research Use Only

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Rev. V1.9

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

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

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 marker during cancer therapy.