CYCS Polyclonal Antibody

catalog number: **E-AB-70033**

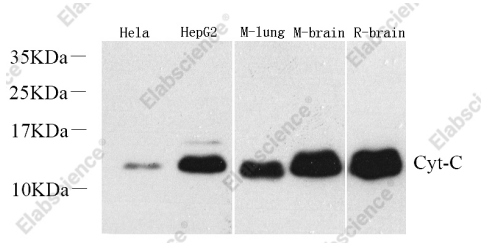
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Cytochrome c
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
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

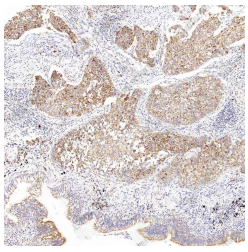
Data



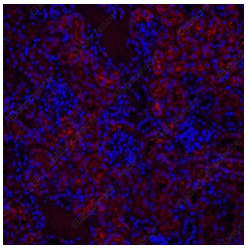
Western Blot analysis of various samples using CYCS Polyclonal Antibody at dilution of 1:1000.

Observed-MW:12 kDa

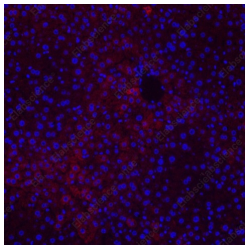
Calculated-MW:12 kDa



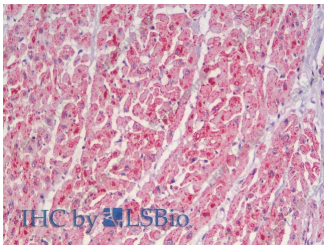
Immunohistochemistry analysis of paraffin-embedded human lung cancer using CYCS Polyclonal Antibody at dilution of 1:1000.



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



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



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 maker during cancer therapy.

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