

Cytochrome c Polyclonal Antibody

catalog number: E-AB-68300

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

Description

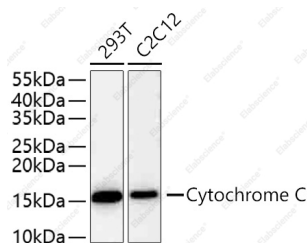
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human Cytochrome c
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

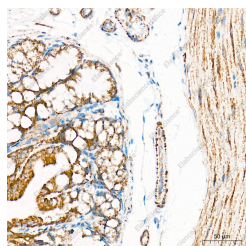
WB	1:5000-1:10000
	IHC 1:800-1:8000

Data

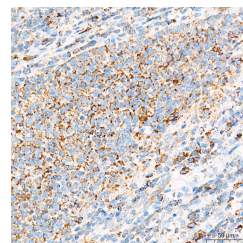


Western blot analysis of extracts of various cell lines using Cytochrome C Polyclonal Antibody at 1:10000 dilution.

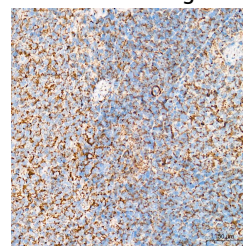
Observed-MW:11 kDa
Calculated-MW:11 kDa



Immunohistochemistry of paraffin-embedded Mouse colon using Cytochrome C Polyclonal Antibody at dilution of 1:6000 (40x lens).High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry of paraffin-embedded Human tonsil using Cytochrome C Polyclonal Antibody at dilution of 1:6000 (40x lens).High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry of paraffin-embedded Rat spleen using Cytochrome C Polyclonal Antibody at dilution of 1:6000 (40x lens).High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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

For Research Use Only

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Rev. V1.9

This gene encodes a small heme protein that functions as a central component of the electron transport chain in mitochondria. The encoded protein associates with the inner membrane of the mitochondrion where it accepts electrons from cytochrome b and transfers them to the cytochrome oxidase complex. This protein is also involved in initiation of apoptosis. Mutations in this gene are associated with autosomal dominant nonsyndromic thrombocytopenia. Numerous processed pseudogenes of this gene are found throughout the human genome.