COX4I1 Polyclonal Antibody

Catalog Number: E-AB-70109



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

Description

Reactivity Human, Mouse, Rat

Immunogen Recombinant protein corresponding to Mouse COX IV

Host Rabbit
Isotype IgG

Purification Affinity purification

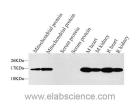
Conjugation Unconjugated

Formulation PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

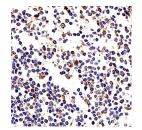
WB 1:500-1:2000 IHC 1:200-1:800 IF 1:200-1:500

<u>Data</u>

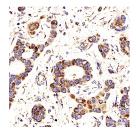


Western Blot analysis of various samples using COX4I1 Polyclonal Antibody at dilution of 1:1500.

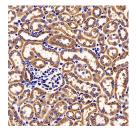
Observed Mw:16kDa Calculated Mw:16kDa



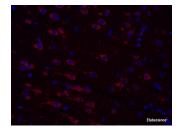
Immunohistochemistry analysis of paraffinembedded human tonsil using COX4I1 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffinembedded human liver cancer using COX4I1 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffinembedded Mouse kidney cancer using COX4I1 Polyclonal Antibody at dilution of 1:200.



For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: <u>www.elabscience.com</u> Email: <u>techsupport@elabscience.com</u>

COX4I1 Polyclonal Antibody

Catalog Number: E-AB-70109



Immunofluorescence analysis of paraffin-embedded Rat brain using COX4I1 Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

COX4I1, also named as COX4 and COXIV-1, belongs to the cytochrome c oxidase IV family. It is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. COX4I1 is a marker for mitochondria. It has two isoforms (isoform 1 and 2). Isoform 1(COX4I1) is ubiquitously expressed and isoform 2 is highly expressed in lung tissues. COX4I1 is commonly used as a loading control. This antibody is specific to COX4I1 and do not cross reacts with COX4I2.

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: <u>www.elabscience.com</u> Email: <u>techsupport@elabscience.com</u>