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

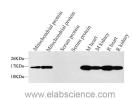
Conjugation Unconjugated

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

Applications Recommended Dilution

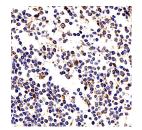
WB 1:500-1:2000 IHC 1:200-1:800 IF 1:200-1:500

Data

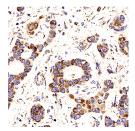


Western Blot analysis of various samples using COX4I1 Polyclonal Antibody at dilution of 1:1500.

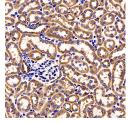
> Observed Mw:16kDa Calculated Mw:16kDa



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

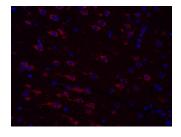


Immunohistochemistry analysis of paraffinembedded human liver cancer using COX4I1 Polyclonal Antibody at dilution of 1:200.



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

Fax: 1-832-243-6017



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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 nuclearcoded 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.

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