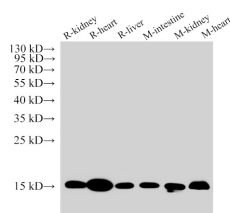


COX4 Polyclonal Antibody

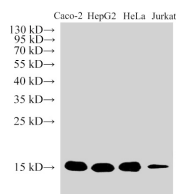
Catalog No.	E-AB-40485	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

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

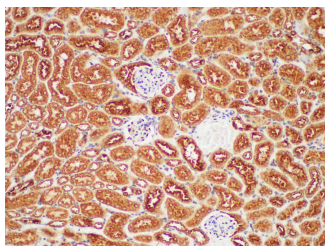
Images



Western Blot analysis of 1)Rat kidney, 2)Rat heart, 3)Rat liver, 4)Mouse intestine, 5)Mouse kidney, 6)Mouse Heart using COX4 Polyclonal Antibody at dilution of 1:3000



Western Blot analysis of Caco-2, HepG2, HeLa and Jurkat cells using COX4 Polyclonal Antibody at dilution of 1:3000.



Immunohistochemistry of paraffin-embedded Mouse kidney using COX4 Polyclonal Antibody at dilution of 1:200.

Immunogen Information

Immunogen	Synthetic peptide of Human Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
GeneID	1327
Swissprot	P13073
Synonyms	Cox4, COX4I, Cox4a, COX4B, COX4I1, COX4I2, COX4L2, COXIV, mitochondrial,

Product Information

Calculated MW	19 kDa
Observed MW	19 kDa
Buffer	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Purify	Antigen Affinity Purification
Dilution	WB 1:5000-1:40000

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 does not cross react with COX4I2.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.