

Rabbit COX4I1 Polyclonal Antibody | anti-COX4I1 antibody

COX4I1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174420	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

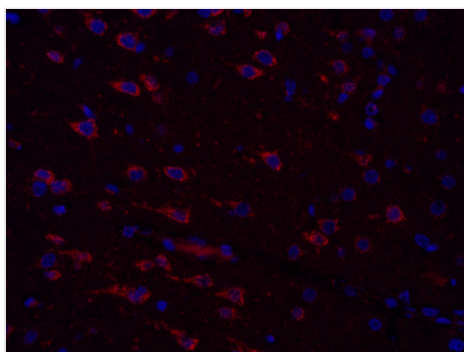
PRODUCT SYNONYMS

COX4I1; Polyclonal Antibody; COX4I1 Polyclonal Antibody; AL024441; COX 4; COX IV 1; COX IV; COX IV-1; Cox4; COX41; Cox4a; COX4B; COX4I2; COX4L2; COXIV; Cytochrome c oxidase polypeptide IV; Cytochrome c oxidase subunit 4 isoform 1 mitochondrial; Cytochrome c oxidase subunit 4 isoform 1; mitochondrial; Cytochrome C Oxidase subunit IV; Cytochrome c oxidase subunit IV isoform 1; Cytochrome c oxidase subunit IV isoform 2 (lung); Cytochrome c oxydase subunit 4; dJ857M17.2; MGC105470; MGC72016; anti-COX4I1 antibody

PRODUCT SPECIFICATIONS

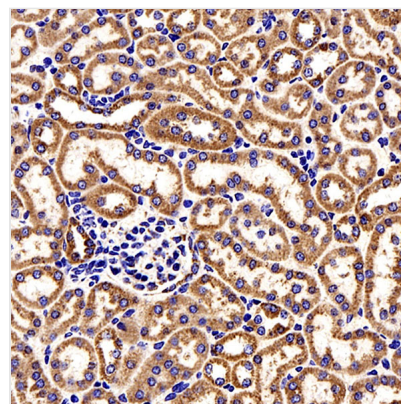
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	0.82 mg/mL (varies by lot)
Sequence Length	169
Applicable Applications for anti-COX4I1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein corresponding to Mouse COX IV
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



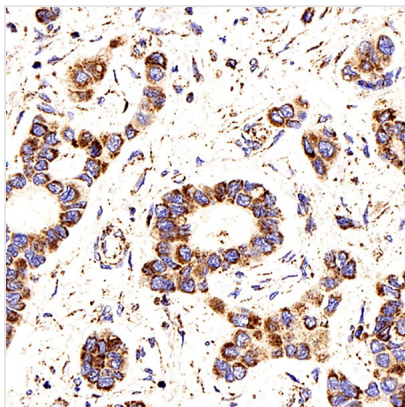
IF (Immunofluorescence)

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



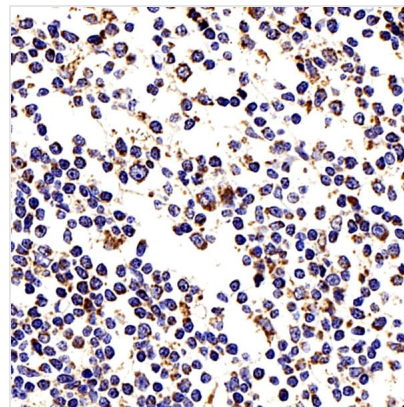
IHC (Immunohistochemistry)

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



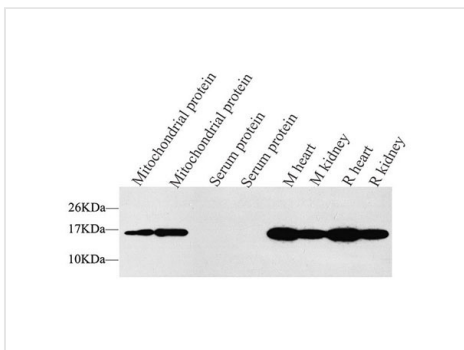
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human tonsil using COX4I1 Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-COX4I1 antibody

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.

Product Categories/Family for anti-COX4I1 antibody

Cancer; Metabolism; Signal transduction; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	974005293
NCBI GeneID	1327
NCBI Accession #	NP_001305715.1
NCBI GenBank Nucleotide #	NM_001318786.1
UniProt Accession #	P13073; Q6P666; B2R4J2; D3DUM7
Molecular Weight	Calculated: 16kDa Observed: 16kDa
NCBI Official Full Name	cytochrome c oxidase subunit 4 isoform 1, mitochondrial isoform 1
NCBI Official Synonym Full Names	cytochrome c oxidase subunit 4I1
NCBI Official Symbol	COX4I1

NCBI Official Synonym Symbols	COX4; COXIV; COX4-1; COXIV-1; COX IV-1
NCBI Protein Information	cytochrome c oxidase subunit 4 isoform 1, mitochondrial
UniProt Protein Name	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
UniProt Gene Name	COX4I1
UniProt Synonym Gene Names	COX4; COX IV-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cox4i1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/174420>