

Rabbit COX4-2 Polyclonal Antibody | anti-COX4-2 antibody

Anti-COX4-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA293003	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Western Blot

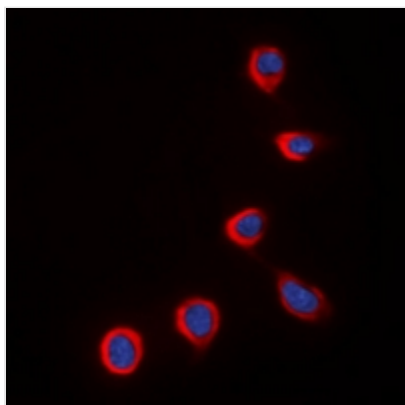
PRODUCT SYNONYMS

COX4-2; Polyclonal Antibody; Anti-COX4-2 Antibody; COX4L2; Cytochrome c oxidase subunit 4 isoform 2 mitochondrial; Cytochrome c oxidase subunit IV isoform 2; COX IV-2; anti-COX4-2 antibody

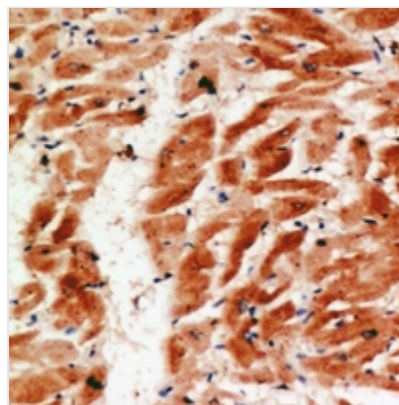
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-COX4-2 antibody	IHC (Immunohistochemistry), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

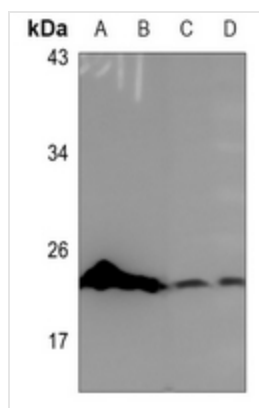
IMAGES


IF (Immunofluorescence)

Dilution: WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/100)


IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/100) Immunohistochemical analysis of COX4-2 staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/100) Western blot analysis of COX4-2 expression in HEK293T (A), H446 (B), rat lung (C), rat heart (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-COX4-2 antibody

Rabbit polyclonal antibody to COX4-2
KLH-conjugated synthetic peptide encompassing a sequence within the center region of human COX4-2. The exact sequence is proprietary.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17999526
NCBI GeneID	84701
NCBI Accession #	NP_115998.2
NCBI GenBank Nucleotide #	NM_032609.2
UniProt Accession #	Q96KJ9 ; Q6GTF4 ; Q9H0Z4
Molecular Weight	20,010 Da
NCBI Official Full Name	cytochrome c oxidase subunit 4 isoform 2, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit IV isoform 2 (lung)
NCBI Official Symbol	COX4I2
NCBI Official Synonym Symbols	COX4; COX4B; COX4-2; COX4L2; COXIV-2; dJ857M17.2
NCBI Protein Information	cytochrome c oxidase subunit 4 isoform 2, mitochondrial; COX IV-2; cytochrome c oxidase subunit IV-like 2
UniProt Protein Name	Cytochrome c oxidase subunit 4 isoform 2, mitochondrial
UniProt Gene Name	COX4I2
UniProt Synonym Gene Names	COX4L2; COX IV-2
UniProt Entry Name	COX42_HUMAN

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://www.aaabiotech.com/polyclonal/cox4-2-antibody-immunohistochemistry-immunochemistry-immunofluorescence-western-blot-elisa/293003>