

COX42 Antibody | anti-COX42 antibody

COX42 Antibody

CATALOG # AAA110704	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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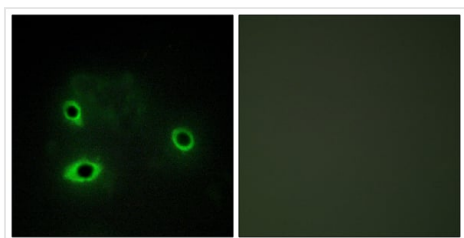
PRODUCT SYNONYMS

COX42; COX42 Antibody; Cytochrome c oxidase subunit 4 isoform 2; mitochondrial [Precursor]; EC 1.9.3.1; Cytochrome c oxidase subunit IV isoform 2; COX IV-2; COX4L2; anti-COX42 antibody

PRODUCT SPECIFICATIONS

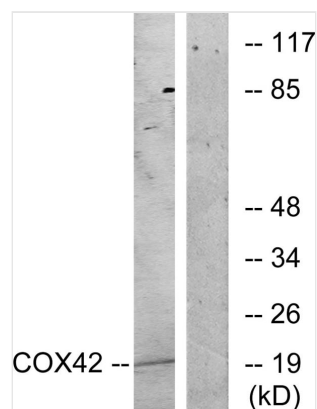
Reactivity	Human, Mouse, Rat
Specificity	COX42 antibody detects endogenous levels of total COX42 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	171
Applicable Applications for anti-COX42 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human COX42.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Peptide-+ Western blot analysis of extracts from K562 cells, treated with insulin (0.01U/ml, 15mins), using COX42 antibody. Immunofluorescence analysis of COS7 cells, using COX42 antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-COX42 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Huettemann M., Gene 267:111-123(2001). Deloukas P., Nature 414:865-871(2001). The MGC Project Team, Genome Res. 14:2121-2127(2004).

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 4I2
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
UniProt Protein Name	Cytochrome c oxidase subunit 4 isoform 2, mitochondrial
UniProt Gene Name	COX4I2
UniProt Synonym Gene Names	COX4L2; COX IV-2

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/human-mouse-rat-antibody/cox42/110704>