

Mouse COX6C Monoclonal Antibody | anti-COX6C antibody

COX6C Mouse Monoclonal Antibody

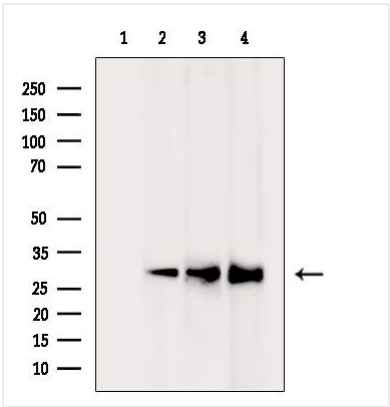
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA330095	Mouse	Human, Mouse, Rat Prediction: Xenopus	ELISA, Western Blot

PRODUCT SYNONYMS

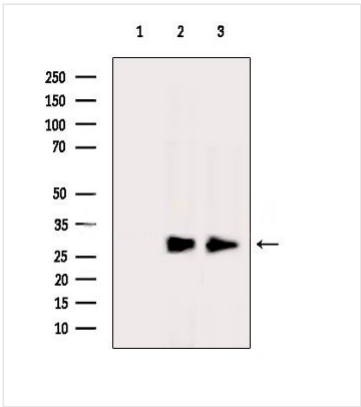
COX6C; Monoclonal Antibody; COX6C Mouse Monoclonal Antibody; COX 6C; Cox6c; COX6C_HUMAN; Cytochrome c oxidase polypeptide VIc; Cytochrome c oxidase subunit 6C; cytochrome c oxidase subunit VIc; Cytochrome c oxidase subunit VIc preprotein; anti-COX6C antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat Prediction: Xenopus
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	COX6C Antibody detects endogenous levels of total COX6C.
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence	MAPEVLPKPR MRGLLARRLR NHMAVAFVLS LGVAALYKFR VADQRKKAYA DFYRNYDVMK DFEEMRKAGI FQSVK
Applicable Applications for anti-COX6C antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human COX6C(Accession P09669), corresponding to amino acid residues A34-Y53.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from various samples, using COX6C Mouse Monoclonal Antibody. Lane 1: Raji cells treated with blocking-peptides, Lane 2: Raji cells, Lane 3: mouse kidney tissue, Lane 4: rat liver tissue.



WB (Western Blot)
Western blot analysis of extracts from various samples, using COX6C Mouse Monoclonal Antibody. Lane 1: 3T3-L1 P6 cells treated with blocking-peptides, Lane 2: 3T3-L1 P6 cells, Lane 3: MCF7 cells.

ADDITIONAL INFORMATION

Related Product Information for anti-COX6C antibody	Cytochrome c oxidase (COX), the terminal enzyme of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. It is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may be involved in the regulation and assembly of the complex. This nuclear gene encodes subunit VIc, which has 77% amino acid sequence identity with mouse COX subunit VIc. This gene is up-regulated in prostate cancer cells. A pseudogene COX6CP1 has been found on chromosomes 16p12.
Product Categories/Family for anti-COX6C antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	1345
UniProt Accession #	P09669
Molecular Weight	32kD; 9kD(Calculated)

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/monoclonal/cox6c-antibody-western-blot-elisa/330095>