

Rabbit COXIV Polyclonal Antibody | anti-Cox4i1 antibody

COXIV Antibody

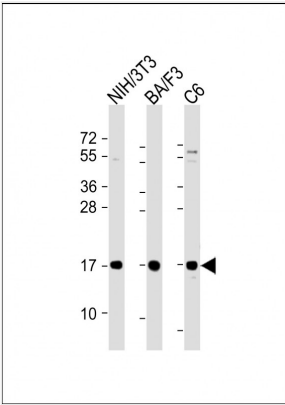
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290738	Rabbit	Human, Mouse, Rat; Predicted Reactivity: Rat	ELISA, Western Blot

PRODUCT SYNONYMS

COXIV; Polyclonal Antibody; COXIV Antibody; Cytochrome c oxidase subunit 4 isoform 1; mitochondrial; Cytochrome c oxidase polypeptide IV; Cytochrome c oxidase subunit IV isoform 1; COX IV-1; Cox4i1; Cox4; Cox4a; anti-Cox4i1 antibody

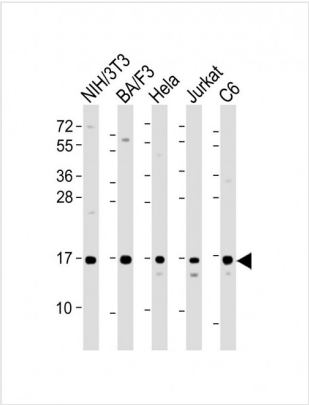
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat; Predicted Reactivity: Rat
Clonality	Polyclonal
Isotype	Ig
Specificity	This COXIV antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 115-169 amino acids from the mouse region of human COXIV.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	169
Applicable Applications for anti-Cox4i1 antibody	ELISA, WB (Western Blot)
Subtitle	Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Mitochondrion inner membrane.
Antigen Type	Synthesized Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)

All lanes : Anti-COXIV Antibody at 1:2000 dilution
Lane 1: NIH/3T3 whole cell lysate
Lane 2: BAF3 whole cell lysate
Lane 3: C6 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 20 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.



WB (Western Blot)

All lanes : Anti-COXIV Antibody at 1:2000 dilution
Lane 1: NIH/3T3 whole cell lysate
Lane 2: BAF3 whole cell lysate
Lane 3: HeLa whole cell lysate
Lane 4: Jurkat whole cell lysate
Lane 5: C6 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 20 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Cox4i1 antibody	This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.
Product Categories/Family for anti-Cox4i1 antibody	Crown Antibodies; Primary Antibodies; Cancer; Signal Transduction
References	Grossman L.I.,et al.Nucleic Acids Res. 18:6454-6454 (1990). Carter R.S.,et al.Arch. Biochem. Biophys. 288:97-106 (1991). Carninci P.,et al.Science 309:1559-1563 (2005). Lubec G.,et al.Submitted (APR-2007) to UniProtKB. Park J.,et al.Mol. Cell 50:919-930 (2013).

NCBI AND UNIPROT INFORMATION

NCBI GI #	649572215
NCBI GeneID	12857
NCBI Accession #	NP_001280488.1
NCBI GenBank Nucleotide #	NM_001293559.1
UniProt Accession #	P19783; Q545A9
Molecular Weight	19530 Da
NCBI Official Full Name	cytochrome c oxidase subunit 4 isoform 1, mitochondrial isoform 2
NCBI Official Synonym Full Names	cytochrome c oxidase subunit IV isoform 1
NCBI Official Symbol	Cox4i1
NCBI Official Synonym Symbols	COX; Cox4; IV-1; COXIV; Cox4a; AL024441; 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; Cox4a; COX IV-1
UniProt Entry Name	COX41_MOUSE

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/coxiv-antibody-western-blot-elisa/290738>