

Rabbit COX4 Polyclonal Antibody | anti-COX4 antibody

COX4 Polyclonal Antibody

CATALOG # AAA173688	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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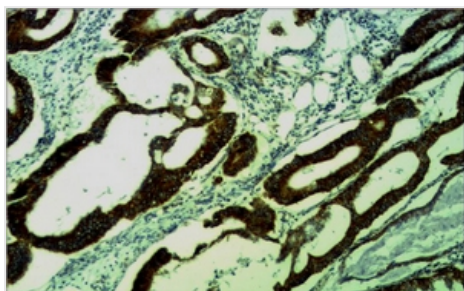
PRODUCT SYNONYMS

COX4; Polyclonal Antibody; COX4 Polyclonal Antibody; anti-COX4 antibody

PRODUCT SPECIFICATIONS

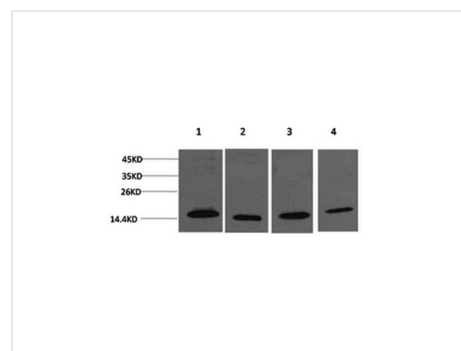
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	169
Applicable Applications for anti-COX4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon carcinoma tissue with COX4 Polyclonal Antibody.



WB (Western Blot)

Western Blot analysis of 1) HeLa, 2) 3T3, 3) Mouse brain, 4) Rat brain with COX4 Polyclonal Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COX4 antibody	Cytochrome c oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer and proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit IV isoform 1 of the human mitochondrial respiratory chain enzyme. It is located at the 3' of the NOC4 (neighbor of COX4) gene in a head-to-head orientation, and shares a promoter with it.
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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	15kDa
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://www.aaabiotech.com/polyclonal/cox4-antibody-immunohistochemistry-western-blot-elisa/173688>