

COX IV Polyclonal Antibody | anti-COX IV antibody

COX IV Rabbit Polyclonal Antibody

CATALOG # AAA267140	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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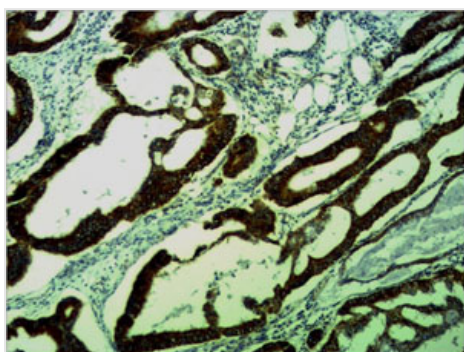
PRODUCT SYNONYMS

COX IV; Polyclonal Antibody; COX IV Rabbit Polyclonal Antibody; COX 4; Cox4a; COX4B; COXIV; Cytochrome c oxidase subunit 4 isoform 1 mitochondrial; MGC105470; dj857M17.2; Cytochrome c oxidase subunit IV; anti-COX IV antibody

PRODUCT SPECIFICATIONS

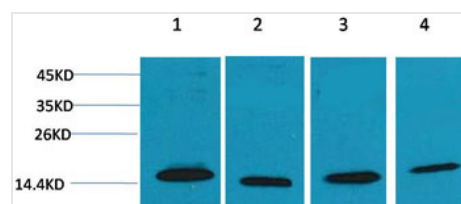
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Antibody can detects endogenous COX IV protein.
Form/Format	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-COX IV antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Store at -20 degree C for 1 year. Do not aliquot the antibody.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Colon carcinoma using COXIV (AAA267140) Rabbit pAb diluted at 1:500.



WB (Western Blot)

Western blot analysis of 1) Hela, 2) 3T3, 3) Mouse Brain, 4) Rat Brain, with COX IV Rabbit pAb AAA267140 diluted at 1:2,000.

ADDITIONAL INFORMATION

Related Product Information for anti-COX IV antibody

The enzyme cytochrome c oxidase or Complex IV, EC 1.9.3.1) is a large transmembrane protein complex found in bacteria and the mitochondrion. It is the last enzyme in the respiratory electron transport chain of mitochondria (or bacteria) located in the mitochondrial (or bacterial) membrane. It receives an electron from each of four cytochrome c molecules, and transfers them to one oxygen molecule, converting molecular oxygen to two molecules of water. In the process, it binds four protons from the inner aqueous phase to make water, and in addition translocates four protons across the membrane, helping to establish a transmembrane difference of proton electrochemical potential that the ATP synthase then uses to synthesize ATP.

NCBI AND UNIPROT INFORMATION

Molecular Weight	15KD
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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/cox-iv-antibody-immunohistochemistry-western-blot-elisa/267140>