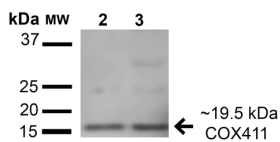


Anti-COX IV Antibody (A304966)

Specifications:

Name:	Anti-COX IV Antibody
Description:	Rabbit polyclonal antibody to COX IV.
Applications:	WB, ICC/IF
Recommended Dilutions:	WB: 1:1,000, ICC/IF: 1:100
Reactivity:	Human, Mouse, Rat
Immunogen:	Synthetic peptide of Human COX-4.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Peptide affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	~16 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

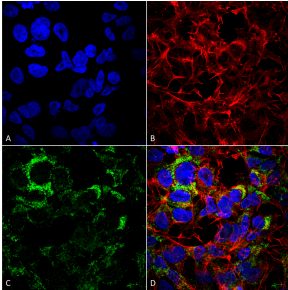
Images:



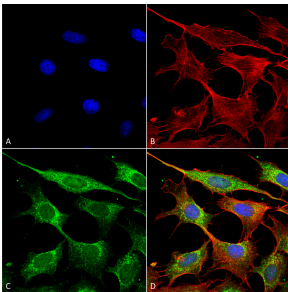
Western blot analysis of human HeLa and HEK293T cell lysates showing detection of 19.5 kDa COX-4 protein using Anti-COX IV Antibody (A304966) at 1:1,000 for 1 hour at room temperature. Lane 1: Molecular Weight Ladder (MW). Lane 2: HeLa cell lysates. Lane 3: 293Trap cell lysates. Load: 15 μ g. Block: 5% Skim Milk in 1X TBST. The secondary antibody used was Goat Anti-Rabbit HRP at 1:2000 for 60 minutes at room temperature. Color Development: ECL solution for 6 min in room temperature. Predicted/Observed Size: 19.5 kDa.

Anti-COX IV Antibody (A304966)

Images continued:



Immunocytochemistry/Immunofluorescence analysis of human neuroblastoma cell line (SK-N-BE, fixed in 4% formaldehyde for 15 min at room temperature, using Anti-COX IV Antibody (A304966), at 1:100 for 60 minutes at room temperature. The secondary antibody used was Goat Anti-Rabbit ATTO 488 at 1:200 for 60 minutes at room temperature. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5,000 for 60 minutes at room temperature, 5 minutes at room temperature. Localization: Cytoplasm, Mitochondrion. Magnification: 60X.(A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) COX-4 Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence analysis of mouse NIH 3T3 (mouse fibroblast cell line), fixed in 4% formaldehyde for 15 min at room temperature, using Anti-COX IV Antibody (A304966), at 1:100 for 60 minutes at room temperature. The secondary antibody used was Goat Anti-Rabbit ATTO 488 at 1:200 for 60 minutes at room temperature. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5,000 for 60 minutes at room temperature, 5 minutes at room temperature. Localization: Mitochondrion Inner Membrane. Magnification: 60X.(A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) COX-4 Antibody (D) Composite.