

COX4 antibody

Cat. No. GTX101499

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse

Reference (5)

★★★★★ Review (4)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

Calculated MW 20 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.38 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human COX4. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

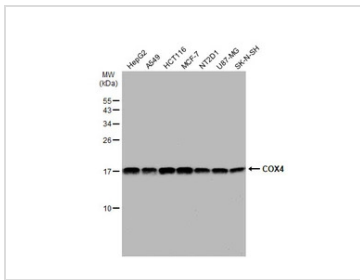
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

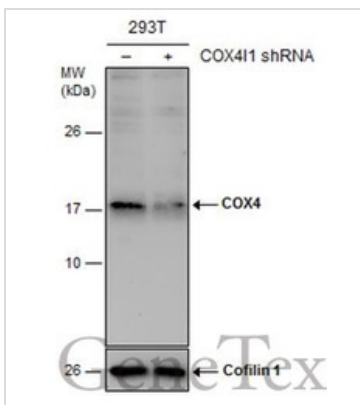
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



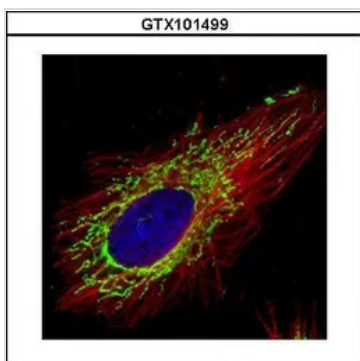
For full product information, images and publications, please visit our [website](#).

DATA IMAGES

GTx101499 WB Image

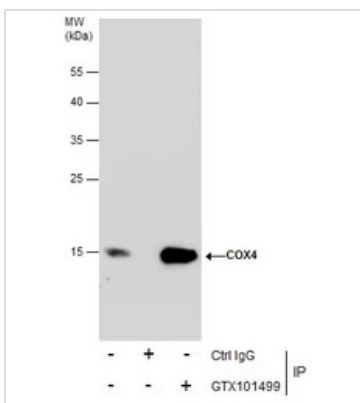
Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody (GTx101499) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx101499 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody (GTx101499) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx101499 ICC/IF Image

Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed HeLa, using COX4(GTx101499) antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with GTx11304 (Red) at 1:2000.


GTx101499 IP Image

Immunoprecipitation of COX4 protein from 293T whole cell extracts using 5 µg of COX4 antibody (GTx101499).

Western blot analysis was performed using COX4 antibody (GTx101499).

EasyBlot anti-Rabbit IgG (GTx221666-01) was used as a secondary reagent.



For full product information, images and publications, please visit our [website](https://www.genetex.com).