

COX4 antibody [GT854]

Cat. No. GTX628901

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Reference (3)
 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

Not tested in other applications.

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

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
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	1 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	Affinity purified by Protein G.
Conjugation	Unconjugated

Note

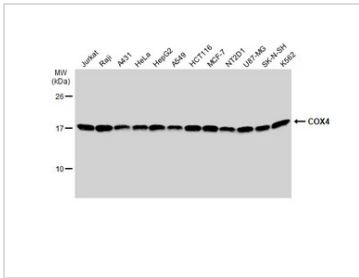
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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.



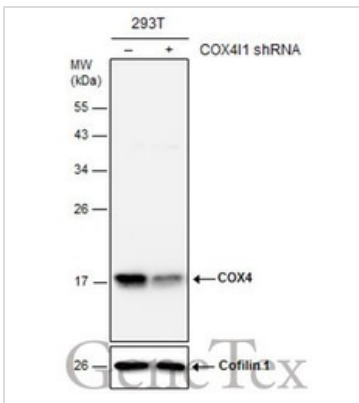
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



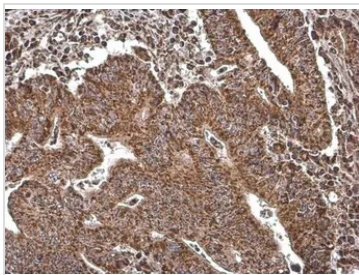
GTx628901 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody [GT854] (GTx628901) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.



GTx628901 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 [GT854] (GTx628901) diluted at 1:1500. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.



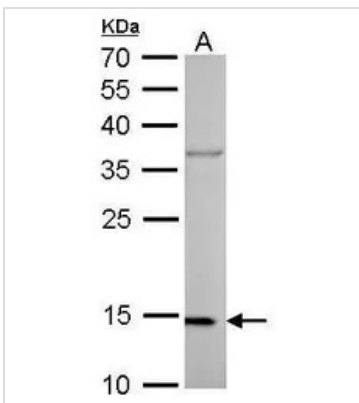
GTx628901 IHC-P Image

COX4 antibody [GT854] detects COX4 protein at mitochondria by immunohistochemical analysis.

Sample: Paraffin-embedded human colon cancer.

COX4 stained by COX4 antibody [GT854] (GTx628901) diluted at 1:200.

Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min



GTx628901 WB Image

COX4 antibody detects COX411 protein by western blot analysis.

A. 50 µg mouse heart lysate/extract

12% SDS-PAGE

COX4 antibody (GTx628901) dilution: 1:1000

The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.



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