

COX4 antibody [GT6310]

Cat. No. GTX628886

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Rat

References (4)

Package

100 µl, 25 µl

Applications

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

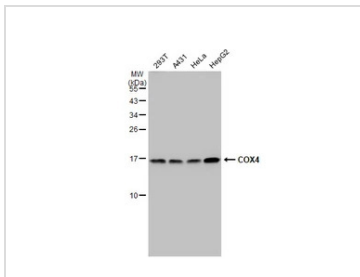
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	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

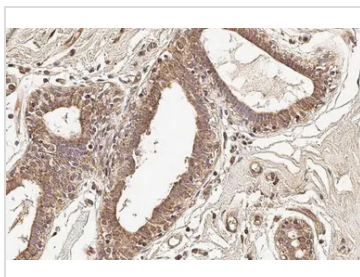
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DATA IMAGES

GTx628886 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody [GT6310] (GTx628886) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.

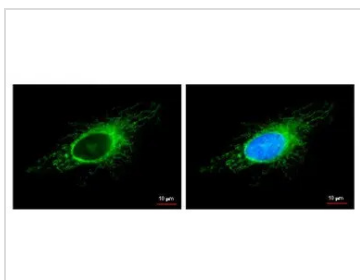

GTx628886 IHC-P Image

COX4 antibody [GT6310] detects COX4 protein at mitochondria by immunohistochemical analysis.

Sample: Paraffin-embedded human breast carcinoma.

COX4 stained by COX4 antibody [GT6310] (GTx628886) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

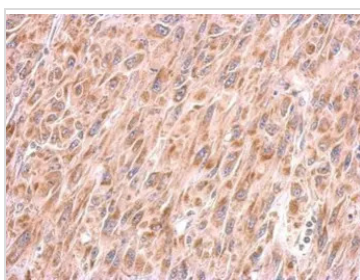

GTx628886 ICC/IF Image

COX4I1 antibody detects COX4I1 protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in -20°C 100% methanol for 5 min.

Green: COX4I1 protein stained by COX4I1 antibody (GTx628886) diluted at 1:500.

Blue: Hoechst 33342 staining.

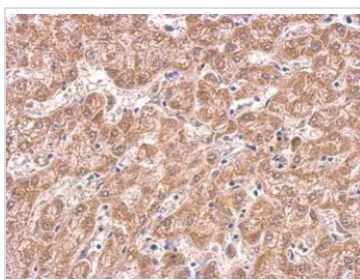

GTx628886 IHC-P Image

COX4 antibody [GT6310] detects COX4I1 protein at cytosol on U87 xenograft by immunohistochemical analysis.

Sample: Paraffin-embedded U87 xenograft.

COX4 antibody [GT6310] (GTx628886) dilution: 1:200.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


GTx628886 IHC-P Image

COX4 antibody [GT6310] detects COX4I1 protein at cytosol on human hepatoma by immunohistochemical analysis.

Sample: Paraffin-embedded hepatoma.

COX4 antibody [GT6310] (GTx628886) dilution: 1:200.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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