

COL1A2 antibody [C2C3], C-term

Cat. No. GTX102996

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse, Zebrafish

References (6)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW	129 kDa. (Note)
Product Note	KO/KD validation is based on published data (PMID: 35242497).

Properties

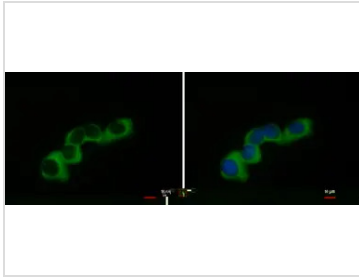
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.55 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human COL1A2. 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.

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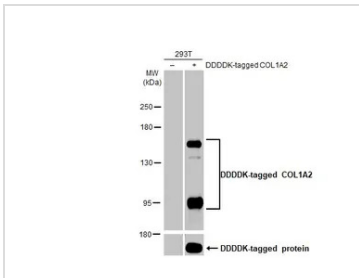
DATA IMAGES

GTx102996 ICC/IF Image

COL1A2 antibody [C2C3], C-term detects COL1A2 protein at cytoplasm by immunofluorescent analysis.

Sample: NIH-3T3 cells were fixed in ice-cold MeOH for 5 min.

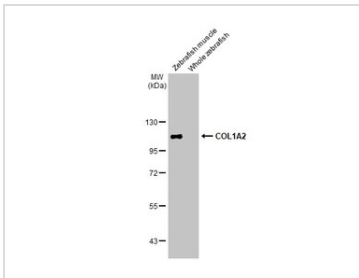
Green: COL1A2 protein stained by COL1A2 antibody [C2C3], C-term (GTx102996) diluted at 1:500.

Blue: Hoechst 33342 staining.


GTx102996 WB Image

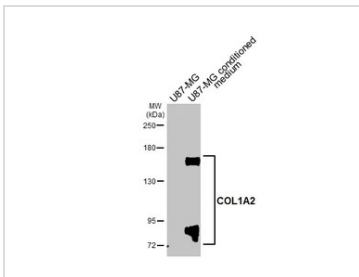
Non-transfected (-) and transfected (+) 293T whole cell extracts were separated by 5% SDS-PAGE, and the

membrane was blotted with COL1A2 antibody [C2C3], C-term (GTx102996) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx102996 WB Image

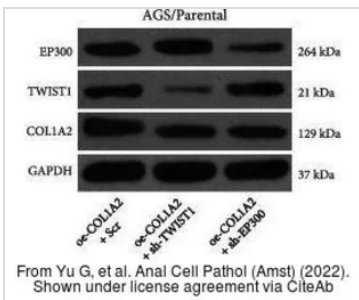
Various tissue extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with

Col1a2 antibody (GTx102996) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx102996 WB Image

U87-MG whole cell extract and conditioned medium (30 µg) were separated by 5% SDS-PAGE, and the

membrane was blotted with COL1A2 antibody [C2C3], C-term (GTx102996) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx102996 WB Image

The data was published in the 2022 in Anal Cell Pathol (Amst). [PMID: 35242497](https://pubmed.ncbi.nlm.nih.gov/35242497/)



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