COL1A1 antibody [N1N2], N-term

Cat. No. GTX112731

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IP
Reactivity	Polyodon spathula, Human, Mouse, Rat

References (28)

★★★★★ Review (2)

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
IHC-Fr	Assay dependent
IP	1:100-1:500

Not tested in other applications.

Calculated MW	139 kDa. (Note)
Product Note	This antibody may not be suitable for mouse IHC-P assay, as its mouse reactivity is based on WB / ICC/IF testing.

Properties

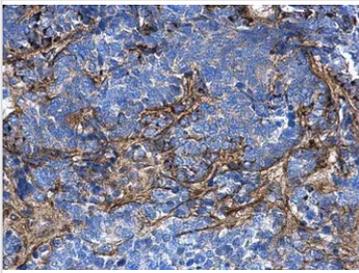|	
Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.09 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human COL1A1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

For full product information, images and publications, please visit our **website**.

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.
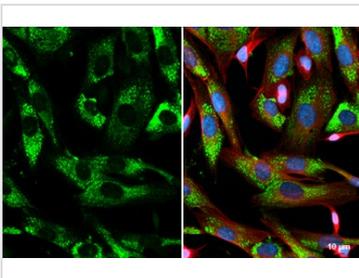
DATA IMAGES

GTX112731 IHC-P Image

COL1A1 antibody [N1N2], N-term detects COL1A1 protein at secreted on human endometrial carcinoma by immunohistochemical analysis.
Sample: Paraffin-embedded human endometrial carcinoma.
COL1A1 antibody [N1N2], N-term (GTX112731) diluted at 1:500.

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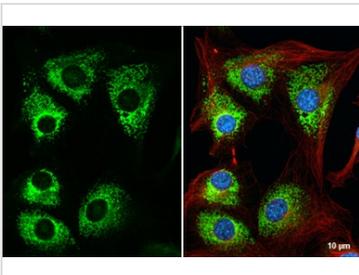

GTX112731 ICC/IF Image

COL1A1 antibody [N1N2], N-term detects COL1A1 protein at vesicle by immunofluorescent analysis.
Sample: SK-N-SH cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: COL1A1 stained by COL1A1 antibody [N1N2], N-term (GTX112731) diluted at 1:500.
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.
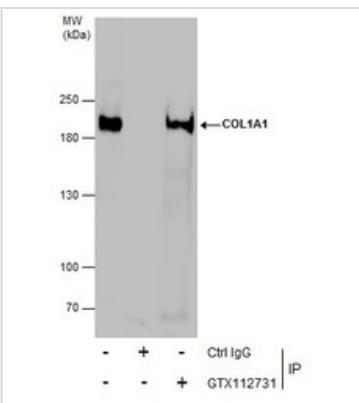Blue: Fluoroshield with DAPI (GTX30920).

GTX112731 ICC/IF Image

COL1A1 antibody [N1N2], N-term detects COL1A1 protein at vesicle by immunofluorescent analysis.
Sample: NIH-3T3 cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: COL1A1 stained by COL1A1 antibody [N1N2], N-term (GTX112731) diluted at 1:500.
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTX30920).

GTX112731 IP Image

Immunoprecipitation of COL1A1 protein from SK-N-AS whole cell extracts using 5 µg of COL1A1 antibody [N1N2], N-term (GTX112731).
Western blot analysis was performed using COL1A1 antibody [N1N2], N-term (GTX112731) diluted at 1:500.
EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.

For full product information, images and publications, please visit our website.

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