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 (31)

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.

Observed MW (kDa)	190 kDa.
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, 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	0.92 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.

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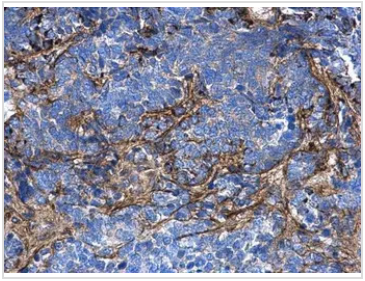
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Note

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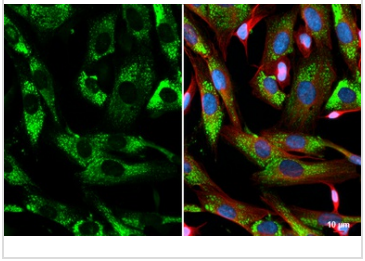
DATA IMAGES



GTX112731 IHC-P Image

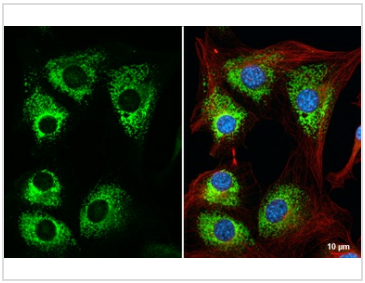
COL1A1 antibody [N1N2], N-term detects COL1A1 protein at secreted on human endometrial carcinoma by immunohistochemical analysis.
Sample: Paraffin-embedded human endometrial carcinoma.
COL1A1 antibody [N1N2], N-term (GTX112731) diluted at 1:500.

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



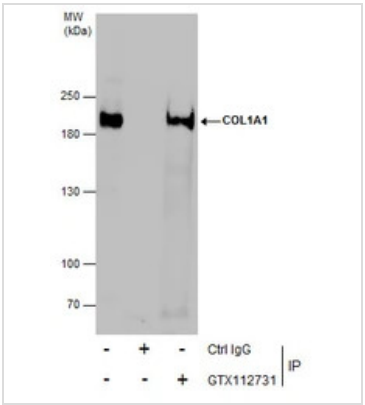
GTX112731 ICC/IF Image

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.

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