# 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 ( 26 )**

⭐⭐⭐⭐⭐ 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 ) |
|---|---|

## Properties

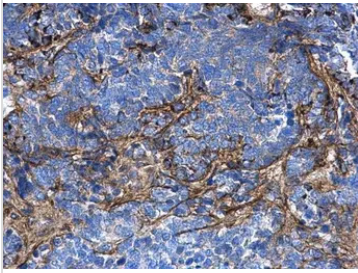| **Form** | Liquid |
|---|---|
| **Buffer** | PBS, 1% BSA, 20% Glycerol |
| **Preservative** | 0.025% ProClin 300 |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -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 |

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**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.
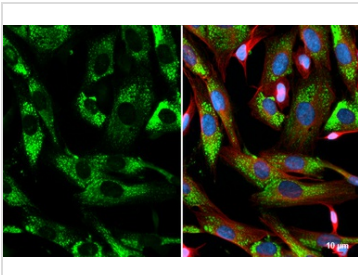
## DATA IMAGES



**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
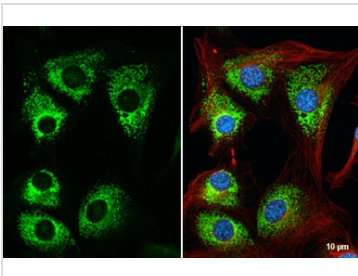


**GTX112731 ICC/IF Image**

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.
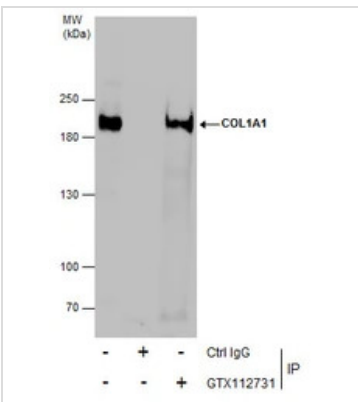Blue: Fluoroshield with DAPI (GTX30920).



**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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