

COL1A1 antibody [HL3040]

Cat. No. GTX640483

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse, Rat

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	Assay dependent

Not tested in other applications.

Observed MW (kDa) 185 kDa.

Product Note

This antibody is specific for human COL1A1 protein, and it does not cross react with human COL1A2, COL2A1, and COL3A1 protein.

Properties

Form	Liquid
Buffer	PBS
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 fragment of human COL1A1.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

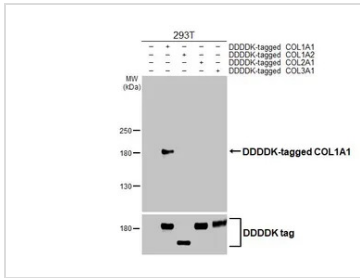
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

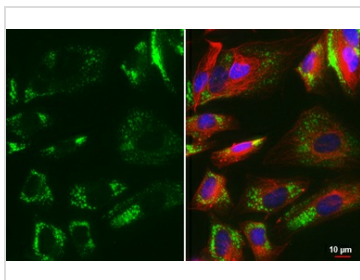
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DATA IMAGES

GTX640483 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts were separated by 5% SDS-PAGE, and the membrane was blotted with COL1A1 antibody [HL3040] (GTX640483) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX640483 ICC/IF Image

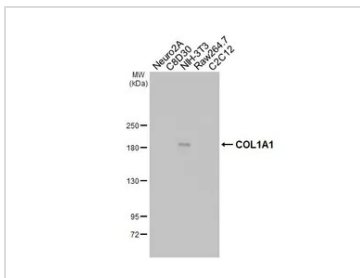
COL1A1 antibody [HL3040] detects COL1A1 protein by immunofluorescent analysis.

Sample: SK-N-SH cells were fixed in 4% paraformaldehyde at RT for 15 min.

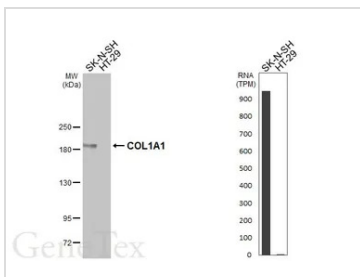
Green: COL1A1 stained by COL1A1 antibody [HL3040] (GTX640483) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

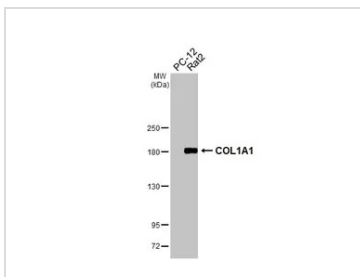
Blue: Fluoroshield with DAPI (GTX30920).


GTX640483 WB Image

Various whole cell extracts (30 μg) were separated by 5% SDS-PAGE, and the membrane was blotted with COL1A1 antibody [HL3040] (GTX640483) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX640483 WB Image

Various whole cell extracts (30 μg) were separated by 5% SDS-PAGE, and the membrane was blotted with COL1A1 antibody [HL3040] (GTX640483) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.


GTX640483 WB Image

Various whole cell extracts (30 μg) were separated by 5% SDS-PAGE, and the membrane was blotted with COL1A1 antibody [HL3040] (GTX640483) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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