

COL6A1 antibody [C1C2], Internal

Cat. No. GTX109963

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

Reference (4)
Package
100 µl, 25 µl

APPLICATION

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

Not tested in other applications.

Calculated MW 109 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
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 protein encompassing a sequence within the center region of human COL6A1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



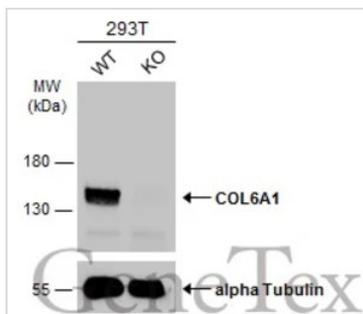
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Note

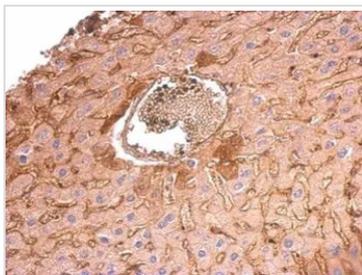
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DATA IMAGES



GTX109963 WB Image

Wild-type (WT) and COL6A1 knockout (KO) 293T cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with COL6A1 antibody [C1C2], Internal (GTX109963) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



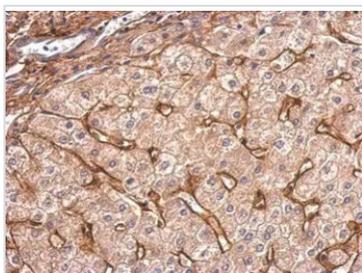
GTX109963 IHC-P Image

COL6A1 antibody [C1C2], Internal detects COL6A1 protein at cytosol on mouse liver by immunohistochemical analysis.

Sample: Paraffin-embedded mouse liver.

COL6A1 antibody [C1C2], Internal (GTX109963) dilution: 1:500.

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



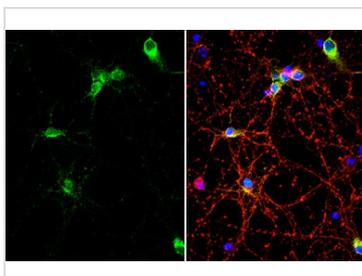
GTX109963 IHC-P Image

COL6A1 antibody [C1C2], Internal detects COL6A1 protein at cytosol on human hepatoma by immunohistochemical analysis.

Sample: Paraffin-embedded hepatoma.

COL6A1 antibody [C1C2], Internal (GTX109963) dilution: 1:500.

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



GTX109963 ICC/IF Image

COL6A1 antibody [C1C2], Internal detects COL6A1 protein by immunofluorescent analysis.

Sample: DIV10 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: COL6A1 stained by COL6A1 antibody [C1C2], Internal (GTX109963) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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