

Cardiac Troponin I antibody [N1C3]

Cat. No. GTX109331

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

Reference (2)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 24 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 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.05 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length human Cardiac Troponin I Recombinant protein.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

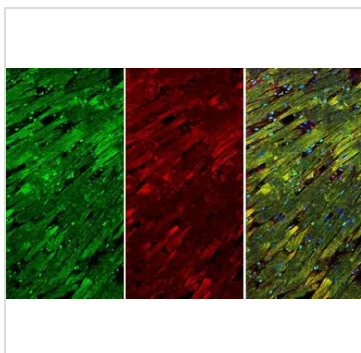
Note

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DATA IMAGES

GTX109331 IHC-P Image

Troponin I (cardiac) antibody detects Troponin I (cardiac) protein at cytoplasm by immunohistochemical analysis.

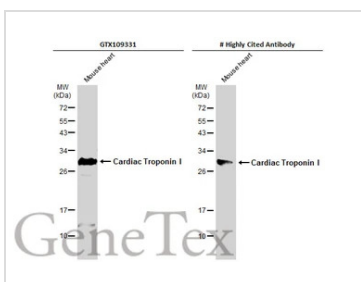
Sample: Paraffin-embedded mouse heart.

Green: Troponin I (cardiac) stained by Troponin I (cardiac) antibody (GTX109331) diluted at 1:250.

Red: beta Actin, a cytoskeleton marker, stained by beta Actin antibody [GT5512] (GTX629630) diluted at 1:500.

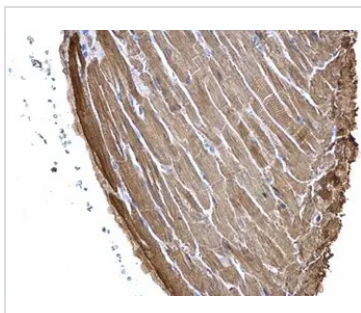
Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX109331 WB Image

Mouse tissue extract (50 µg) was separated by 12% SDS-PAGE, and the membranes were blotted with Cardiac Troponin I antibody [N1C3] (GTX109331) diluted at 1:3000 and competitor's antibody diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

*The competitor is not affiliated with GeneTex and does not endorse this product.


GTX109331 IHC-P Image

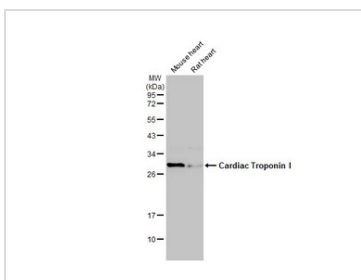
Cardiac Troponin I antibody [N1C3] detects Cardiac Troponin I protein at cytosol on mouse heart by immunohistochemical analysis.

Sample: Paraffin-embedded mouse heart.

Cardiac Troponin I antibody [N1C3] (GTX109331) dilution: 1:500.

Scale bar = M µm.

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


GTX109331 WB Image

Various tissue extracts (50 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Cardiac Troponin I antibody [N1C3] (GTX109331) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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