

# Cardiac Troponin T antibody

**Cat. No. GTX134489**

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

Reference ( 1 )  
 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
IHC-P	1:100-1:1000

Not tested in other applications.

**Calculated MW** 36 kDa. ( [Note](#) )

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	1.22 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human Cardiac Troponin T. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

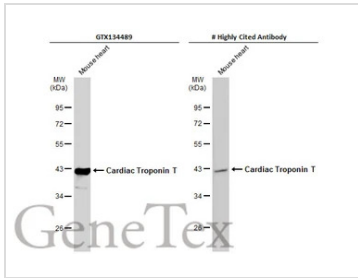
### Note

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

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.

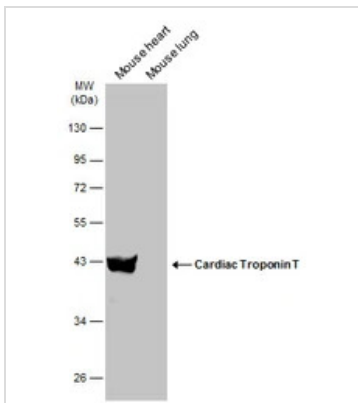


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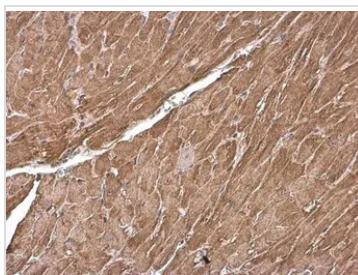
**DATA IMAGES**

**GTX134489 WB Image**

Mouse tissue extract (50 µg) was separated by 10% SDS-PAGE, and the membranes were blotted with Cardiac Troponin T antibody (GTX134489) 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.


**GTX134489 WB Image**

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Cardiac Troponin T antibody (GTX134489) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

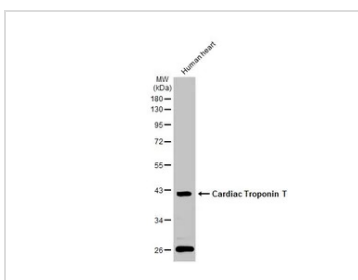

**GTX134489 IHC-P Image**

Cardiac Troponin T antibody detects Cardiac Troponin T protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse heart.

Cardiac Troponin T stained by Cardiac Troponin T antibody (GTX134489) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX134489 WB Image**

Human heart (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Cardiac Troponin T antibody (GTX134489) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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