

For Research Use Only

# Cardiac Troponin T Polyclonal antibody



Catalog Number: 26592-1-AP

3 Publications

## Basic Information

<b>Catalog Number:</b> 26592-1-AP	<b>GenBank Accession Number:</b> BC002653	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7139	<b>Recommended Dilutions:</b> WB 1:2000-1:12000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> troponin T type 2 (cardiac)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 36 kDa	
<b>Immunogen Catalog Number:</b> AG24911	<b>Observed MW:</b> 34-40 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, IHC	<b>WB :</b> mouse heart tissue, rat heart tissue
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> human heart tissue, mouse heart tissue
<b>Cited Species:</b> human, mouse	<b>IF :</b> mouse heart tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Rui Wang	36596388	Free Radic Biol Med	IF
Qiyu Li	35447403	Biomaterials	IF
Jun Kaminosono	37736488	Front Physiol	IHC

## Storage

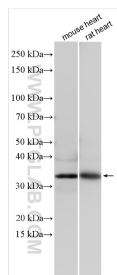
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

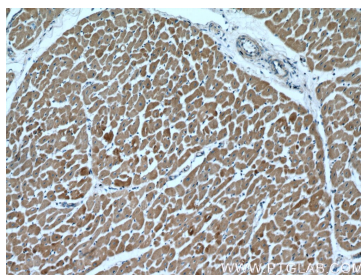
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

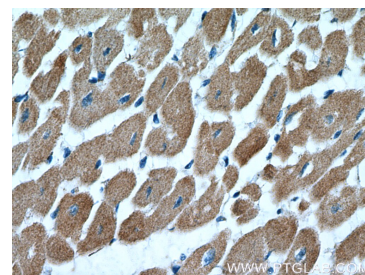
## Selected Validation Data



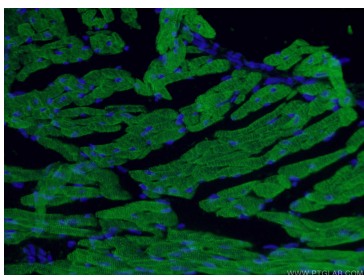
Various lysates were subjected to SDS PAGE followed by western blot with 26592-1-AP (Cardiac Troponin T antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 26592-1-AP (Cardiac Troponin T antibody at dilution of 1:500 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 26592-1-AP (Cardiac Troponin T antibody at dilution of 1:500 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using 26592-1-AP (Cardiac Troponin T antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).