

For Research Use Only

# Cardiac Troponin T Polyclonal antibody

Catalog Number: 26592-1-AP

7 Publications



## Basic Information

### Catalog Number:

26592-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG24911

### GenBank Accession Number:

BC002653

### GeneID (NCBI):

7139

### UNIPROT ID:

P45379

### Full Name:

troponin T type 2 (cardiac)

### Calculated MW:

36 kDa

### Observed MW:

34-40 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:50-1:500

IF-P 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF-P, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : mouse heart tissue, rat heart tissue

IHC : human heart tissue, mouse heart tissue

IF-P : mouse heart tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Rui Wang	36596388	Free Radic Biol Med	IF
Qiyu Li	35447403	Biomaterials	IF
Fan Ouyang	39494721	Adv Sci (Weinh)	WB

## 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

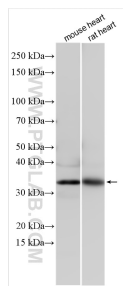
For technical support and original validation data for this product please contact:

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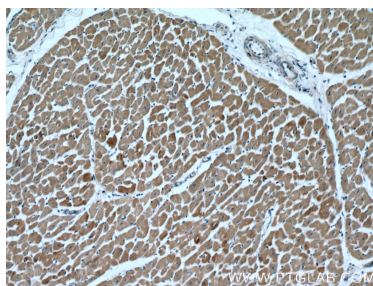
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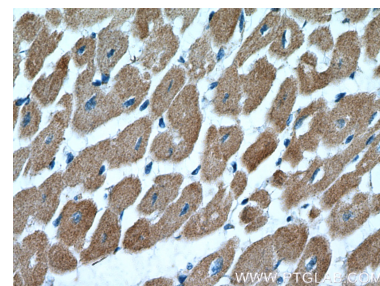
## Selected Validation Data



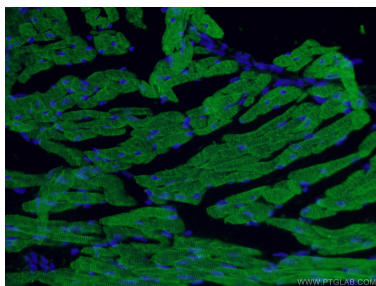
Various lysates were subjected to SDS PAGE followed by western blot with 26592-1-AP (Cardiac Troponin T antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



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 Goat Anti-Rabbit IgG(H+L).