

## Cardiac Troponin T Rabbit mAb (AR1243)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	36kD (Calculated) 39kD (Observed)

### Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

Gene name	TNNT2
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Protein Name	Troponin T cardiac muscle
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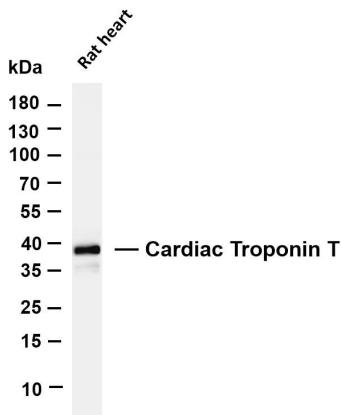
Organism	Gene ID	UniProt ID
Human	7139	P45379
Mouse	21956	P50752
Rat	24837	P50753

Cellular Localization	Cytoplasm
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Tissue specificity	Heart. The fetal heart shows a greater expression in the atrium than in the ventricle, while the adult heart shows a greater expression in the ventricle than in the atrium. Isoform 6 predominates in normal adult heart. Isoforms 1, 7 and 8 are
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expressed in fetal heart. Isoform 7 is also expressed in failing adult heart.

## Validation Data

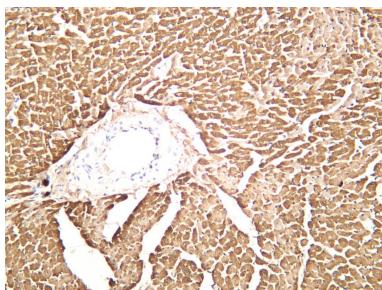


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Cardiac Troponin T antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

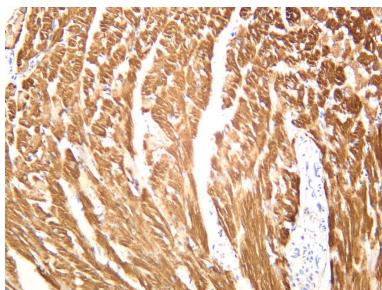
Lane 1: Rat heart

Predicted band size: 36kDa

Observed band size: 39kDa



Rat cardiac muscle was stained with anti-Cardiac Troponin T rabbit antibody



Mouse cardiac muscle was stained with anti-Cardiac Troponin T rabbit antibody

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