

# Cardiac Troponin T Rabbit mAb (AR1243)

## Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, 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
IP:	1:50-200

## Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

## Basic Information

Clonality	Monoclonal
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## Immunogen Information

Specificity	Endogenous
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## Target Information

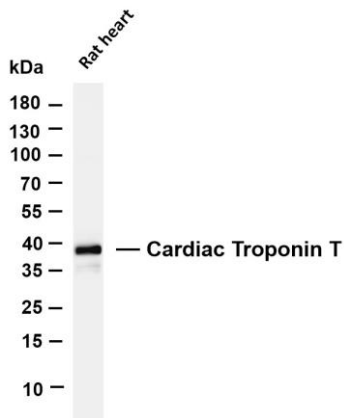
Gene name	TNNT2
Protein Name	Troponin T cardiac muscle

Organism	Gene ID	UniProt ID
Human	7139	P45379
Mouse	21956	P50752
Rat	24837	P50753

Cellular Localization	Cytoplasm
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 expressed in fetal heart. Isoform 7 is also expressed in failing adult heart.

## Validation Data

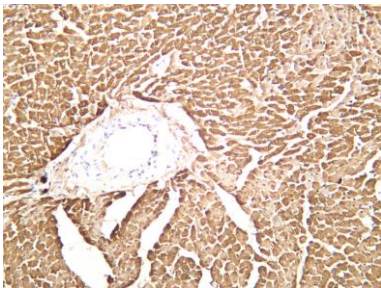


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Cardiac Troponin T antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

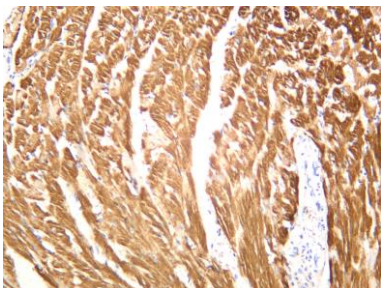
Lane 1: Rat heart

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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