

TNNI3 Antibody

CAB0152

Description

This TNNI3 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB0152
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	CMH7, RCM1, cTnI, CMD2A, TNNC1, CMD1FF, Cardiac Troponin I (TNNI3)
Clone:	-
Applications:	WB IP ELISA IF-P
Conjugation:	Unconjugated
Reactivity:	Mouse, Rat

Antibody Data

Gene ID:	7137
Uniprot:	AB_2756984
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	28kDa
Calculated MW:	24kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

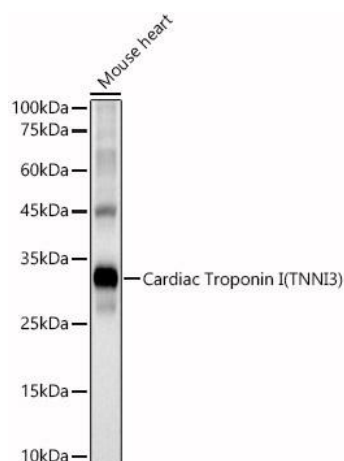
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Mouse heart, Rat lung

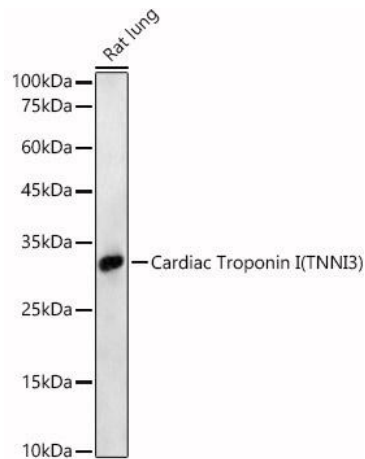
Recommended Dilutions:	WB	1:500 - 1:1000
	IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
	IF-P	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

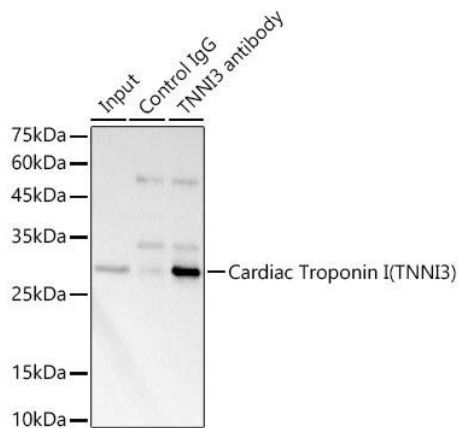
Validation Data



Western blot analysis of lysates from Mouse heart, using Cardiac Troponin I (TNNI3) Rabbit pAb (CAB0152) at 1:900 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 20s.



Western blot analysis of lysates from Rat lung, using Cardiac Troponin I (TNNI3) Rabbit pAb (CAB0152) at 1:900 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.



Immunoprecipitation analysis of 600 µg extracts of Mouse heart cells using 3 µg Cardiac Troponin I (TNNI3) antibody (CAB0152). Western blot was performed from the immunoprecipitate using Cardiac Troponin I (TNNI3) antibody (CAB0152) at a dilution of 1:1000.