

## TNNI3 Antibody

**CAB6995**

### 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:** CAB6995

**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** CMH7, RCM1, cTnI, CMD2A, TNNC1, CMD1FF, Cardiac Troponin I (TNNI3)

**Clone:** -

**Applications:** **WB** **ELISA** **IF-P**

**Conjugation:** Unconjugated

**Reactivity:** Mouse, Rat

### Antibody Data

---

**Gene ID:** 7137

**Uniprot:** AB\_2767551

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 26kDa

**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.

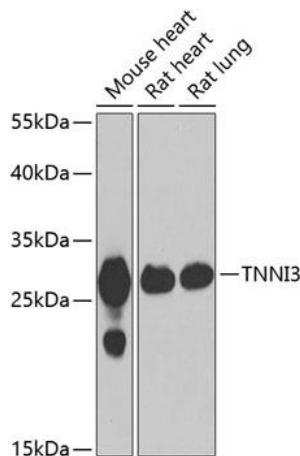
**Positive Sample:** Mouse heart, Rat heart, Rat lung

|                               |              |   |
|-------------------------------|--------------|---|
| <b>Recommended Dilutions:</b> | <b>WB</b>    | 1:500 - 1:2000  |
|                               | <b>IF-P</b>  | 1:50 - 1:200  |
|                               | <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

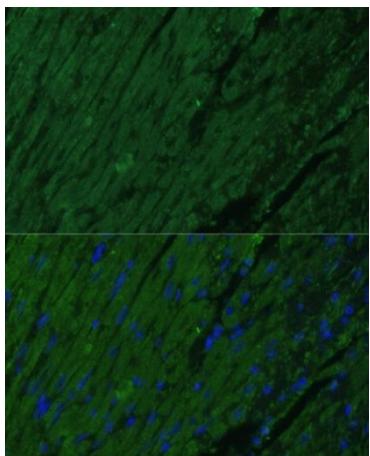
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

---



Western blot analysis of various lysates using Cardiac Troponin I (TNNI3) Rabbit pAb (CAB6995) at 1:1000 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: 5s.



Immunofluorescence analysis of paraffin-embedded mouse heart using Cardiac Troponin I (TNNI3) Rabbit pAb (CAB6995) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.