



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### TNNI3 recombinant monoclonal antibody, clone scFv 180

**Catalog Number:** RAB03119

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit recombinant monoclonal antibody raised against human TNNI3.

**Clone Name:** scFv 180

**Immunogen:** Original antibody is raised against a synthetic peptide "KISASRKLQLKT" corresponding to human TNNI3.

**Antibody Species:** Rabbit

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Isotype:** IgG

**Recommend Usage:** Surface Plasmon Resonance  
Western Blot  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS with 0.02% Proclin 300

**Storage Instruction:** Store at 4°C for up to 3 months.  
For longer storage, aliquot and store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 7137

**Gene Symbol:** TNNI3

**Gene Alias:** CMD2A, CMH7, MGC116817, RCM1, TNNC1, cTnI

**Gene Summary:** Troponin I (TnI), along with troponin T (TnT) and troponin C (TnC), is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle. TnI is the inhibitory subunit; blocking actin-myosin interactions and thereby mediating striated muscle relaxation. The TnI subfamily contains three

genes: TnI-skeletal-fast-twitch, TnI-skeletal-slow-twitch, and TnI-cardiac. This gene encodes the TnI-cardiac protein and is exclusively expressed in cardiac muscle tissues. Mutations in this gene cause familial hypertrophic cardiomyopathy type 7 (CMH7) and familial restrictive cardiomyopathy (RCM). [provided by RefSeq]