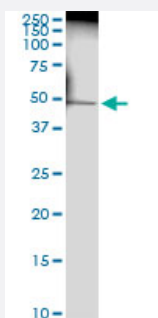


TNNT2 (Human) IP-WB Antibody Pair

Catalog # H00007139-PW1

Size 1 Set

Applications



Immunoprecipitation of TNNT2 transfected lysate using rabbit polyclonal anti-TNNT2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-TNNT2.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of TNNT2 transfected lysate using rabbit polyclonal anti-TNNT2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-TNNT2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-TNNT2 (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-TNNT2 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — TNNT2

Entrez GeneID [7139](#)

Gene Name TNNT2

Gene Alias CMH2, CMPD2, MGC3889, RCM3, TnTC, cTnT

Gene Description troponin T type 2 (cardiac)

Omim ID [115195 191045 601494](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is the tropomyosin-binding subunit of the troponin complex, which is located on the thin filament of striated muscles and regulates muscle contraction in response to alterations in intracellular calcium ion concentration. Mutations in this gene have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Transcripts for this gene undergo alternative splicing that results in many tissue-specific isoforms, however, the full-length nature of some of these variants has not yet been determined. [provided by RefSeq]

Other Designations OTTHUMP00000033864|OTTHUMP00000033867|cardiomyopathy, dilated 1D (autosomal dominant)|cardiomyopathy, hypertrophic 2|troponin T type 2, cardiac|troponin T, cardiac muscle|troponin T2, cardiac

Pathway

- [Cardiac muscle contraction](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)

Disease

- [Cardiomegaly](#)
- [Cardiomyopathies](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertrophy](#)
- [Lipid Metabolism](#)
- [Mitochondrial Myopathies](#)
- [Tachycardia](#)