

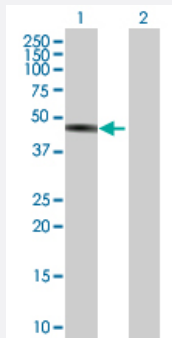
MaxPab®

TNNT2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007139-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TNNT2 expression in transfected 293T cell line ([H00007139-T01](#)) by TNNT2 MaxPab polyclonal antibody.

Lane 1: TNNT2 transfected lysate(32.45 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human TNNT2 protein.
Immunogen	TNNT2 (NP_000355.2, 1 a.a. ~ 295 a.a) full-length human protein.
Sequence	MSDIEEVVEEYEEEEQEEAAVEEEEDWREDEDEQEEAAEEDAEAEAEETEETRAEEDEEEEEEA KEAEDGPMEESKPKPRSFMPNLVPPKIPDGERVDFDDIHRKRMEKDLNELQALIEAHFENRKKE EEELVSLKDRIERRRAERAQQRIERNEREKERQNRLAEERARREEEENRRKAEDEARKKKALSN MMHFGGYIQKTERKSGKRQTEREKKKKILAERRKVLADHLNEDQLREKAKELWQSYNLEAEKFD LQEKFKQQKYEINVLRNRINDNQKVSCTRKGAKVTGRWK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — TNNT2

Entrez GeneID [7139](#)

GeneBank Accession# [NM_000364](#)

Protein Accession# [NP_000355.2](#)

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](#)