

Datasheet

TNNT2 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00007139-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human TNNT2 protein.

Immunogen: TNNT2 (NP_000355, 1 a.a. ~ 295 a.a) full-length human protein.

Sequence:

MSDIEEVVEEYEEEEQEEAAVEEEEDWREDEDEQEE
AAEEDAEAEAETEETRAEEDEEEEAKEAEDGPMEES
KPKPRSFMPNLVPPKIPDGERVDFDDIHRKRMEKDLN
ELQALIEAHFENRKKEEEELVSLKDRIERRRAERAEQQ
RIRNEREKERQNRRLAEERARREEEENRRKAEDEARKK
KALSNMMHFGGYIQKTERKSGKRQTEREKKKKILAER
RKVLAIIDLHNLNEDQLREKAKELWQSIYNLEAEKFDLQEK
FKQQKYEINVLNRINDNQKVSCTRKGAKVTGRWK

Host: Mouse

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7139

Gene Symbol: TNNT2

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

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]