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Datasheet

TNNT2 polyclonal antibody

Catalog Number: PAB31460

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against partial recombinant human TNNT2.

Immunogen: Recombinant protein corresponding to human TNNT2.

Sequence:
EEEENRRKAEDEARKKKALSNMMHFGGYIQKQAQTE RKSGKRQTEREKKKKILAERRKVLAIDHLNEDQLREKA KELWQSIYNLEAEKFDLQEKFKQQKYEINVLRNRINDN QKVSK

Host: Rabbit

Reactivity: Human

Applications: IHC-P, 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

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:2500-1:5000)
Western Blot (1:100-1:250)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
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]