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[Primary Antibody]

Recombinant Rabbit Anti-TNNT2 Monoclonal Antibody

Catalog Number: SLA3312M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	4C2
GeneID:	7139
SWISS:	P45379
Target:	TNNT2
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Background:	The protein encoded by this gene isThe tropomyosin-binding subunit ofThe troponin complex, which is located onThe 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, Jul 2008],

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.