

Rabbit anti-Human, Mouse Troponin I Polyclonal Antibody | anti-TNNI3 antibody

Troponin I (cardiac) Antibody

CATALOG # AAA29706	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
------------------------------	-----------------------	-----------------------------------	-------------------------------------

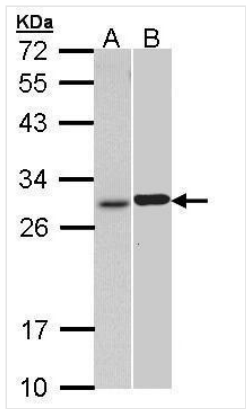
PRODUCT SYNONYMS

Troponin I; Polyclonal Antibody; Troponin I (cardiac) Antibody; CMD1FF antibody; CMD2A antibody; CMH7 antibody; MGC116817 antibody; RCM1 antibody; TNNC1 antibody; cTnI antibody; TNNI3 antibody; "troponin I; cardiac muscle antibody"; troponin I type 3 (cardiac) antibody; anti-TNNI3 antibody

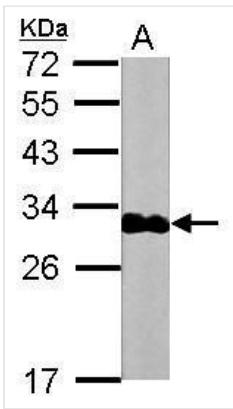
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Troponin I (cardiac) protein.
Purity/Purification	Antibodies were purified by antigen-affinity chromatography.
Form/Format	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	210
Applicable Applications for anti-TNNI3 antibody	WB (Western Blot)
Application Notes	Western blotting: 1:1000-1:10000
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1 and 210 of Troponin I.
Target Name	Troponin I (cardiac)
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data
Sample (30 ug of whole cell lysate) A: A431 B: Molt-4 12% SDS PAGE AAA29706 diluted at 1:1000



Application Data
Sample (50 ug of whole cell lysate) A: mouse heart 12% SDS PAGE AAA29706 diluted at 1:10000

ADDITIONAL INFORMATION

Related Product Information for anti-TNNI3 antibody	Troponin I (TnI), along with troponin T (TnT) and troponin C (TnC), is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle. TnI is the inhibitory subunit; blocking actin-myosin interactions and thereby mediating striated muscle relaxation. The TnI subfamily contains three genes: TnI-skeletal-fast-twitch, TnI-skeletal-slow-twitch, and TnI-cardiac. This gene encodes the TnI-cardiac protein and is exclusively expressed in cardiac muscle tissues. Mutations in this gene cause familial hypertrophic cardiomyopathy type 7 (CMH7) and familial restrictive cardiomyopathy (RCM). [provided by RefSeq]
Product Categories/Family for anti-TNNI3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	151101270
NCBI GeneID	7137
NCBI Accession #	NP_000354.4
NCBI GenBank Nucleotide #	NM_000363.4
UniProt Accession #	P19429
Molecular Weight	24kd
NCBI Official Full Name	troponin I, cardiac muscle
NCBI Official Synonym Full Names	troponin I type 3 (cardiac)
NCBI Official Symbol	TNNI3
NCBI Official Synonym Symbols	CMH7; RCM1; cTnI; CMD2A; TNNC1; CMD1FF
NCBI Protein Information	troponin I, cardiac muscle
UniProt Protein Name	Troponin I, cardiac muscle
UniProt Gene Name	TNNI3
UniProt Synonym Gene Names	TNNC1
UniProt Entry Name	TNNI3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/troponin-i-antibody-western-blot-elisa/29706>