Troponin I Recombinant Antibody | TNNI3 recombinant antibody

Rabbit anti-Troponin I Recombinant Monoclonal Antibody [BLR280L]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213682	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot**

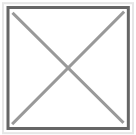
PRODUCT SYNONYMS

Troponin I; Monoclonal Recombinant Antibody; Rabbit anti-Troponin I Recombinant Monoclonal Antibody [BLR280L]; RCM1; troponin I; cardiac muscle; troponin I type 3 (cardiac); TNNC1; cardiomyopathy; dilated 2A (autosomal recessive); CMH7; CMD1FF; CMD2A; Cardiac troponin I; cTnI; troponin I3; cardiac type; TNNI3 recombinant antibody

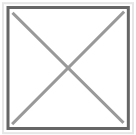
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR280L
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for TNNI3 recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of mouse Troponin I by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, heart, and CH27 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-Troponin I recombinant monoclonal antibody (AAA213682 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-GAPDH antibody .



IHC (Immunohistochemistry)
Detection of human Troponin I by immunohistochemistry. Sample: FFPE section of human cardiac muscle. Antibody: Rabbit anti-Troponin I recombinant monoclonal antibody (AAA213682 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-GAPDH antibody .

ADDITIONAL INFORMATION

Related Product Information for TNNI3 recombinant antibody	Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. The Troponin I subfamily contains three genes: Troponin I-skeletal-fast-twitch, Troponin I-skeletal-slow-twitch, and Troponin I-cardiac. Troponin I-cardiac is exclusively expressed in cardiac muscle tissues. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P19429].

Product Categories/Family for TNNI3 recombinant antibody	Primary Antibodies

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	24,008 Da
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/monoclonal/troponin-i-recombinant-antibody-clone-blr280l-immunohistochemistry-western-blot-elisa/213682