

Rabbit cTnI Polyclonal Antibody | anti-TNNI3 antibody

Anti-cTnI Antibody

CATALOG # AAA259777	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Bovine, Dog, Porcine	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

cTnI; Polyclonal Antibody; Anti-cTnI Antibody; TNNC1; Troponin I; cardiac muscle; Cardiac troponin I; anti-TNNI3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog, Porcine
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of cTnI protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	210
Applicable Applications for anti-TNNI3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human cTnI. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of cTnI staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of cTnI expression in human heart (A), mouse heart (B), rat heart (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TNNI3 antibody	Rabbit polyclonal antibody to cTnI
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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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctni-antibody-immunohistochemistry-western-blot-elisa/259777>