

Rabbit cTnI Polyclonal Antibody | anti-cTnI antibody

Rabbit anti-cTnI (pS43) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223544	Rabbit	Human, Mouse, Rat, Bovine, Dog, Pig	Immunohistochemistry, Western Blot

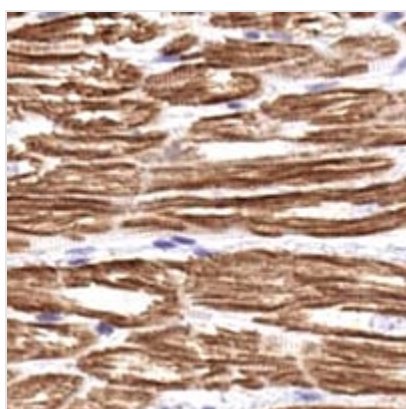
PRODUCT SYNONYMS

cTnI; Polyclonal Antibody; Rabbit anti-cTnI (pS43) Antibody; TNNC1; Troponin I; cardiac muscle; Cardiac troponin I; anti-cTnI antibody

PRODUCT SPECIFICATIONS

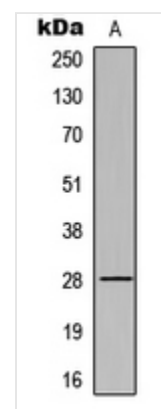
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog, Pig
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-cTnI 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	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of cTnI (pS43) 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 (pS43) expression in human heart (A) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-cTnI antibody	Primary antibodies
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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; P48787; P23693
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/polyclonal/ctni-antibody-immunohistochemistry-western-blot-elisa/223544>