

Rabbit anti-Human, Rat TNNC1 Polyclonal Antibody | anti-TNNC1 antibody

TNNC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233712	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TNNC1; Polyclonal Antibody; TNNC1 Antibody; Troponin C; slow skeletal and cardiac muscles; TN-C; TNNC; anti-TNNC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	161
Applicable Applications for anti-TNNC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Troponin C, slow skeletal and cardiac muscles protein (11-149AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



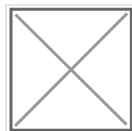
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233712 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA233712 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA233712 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: Rat skeletal muscle tissueAll lanes: TNNC1 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 19 KDaObserved band size: 19 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-TNNC1 antibody	Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three components: Tn-I which is the inhibitor of actomyosin ATPase, Tn-T which contains the binding site for tropomyosin and Tn-C. The binding of calcium to Tn-C abolishes the inhibitory action of Tn on actin filaments.
Product Categories/Family for anti-TNNC1 antibody	Cardiovascular; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507615
NCBI GeneID	7134
NCBI Accession #	NP_003271.1
NCBI GenBank Nucleotide #	NM_003280.2
UniProt Accession #	P63316 ; O14800 ; P02590 ; P04463
Molecular Weight	18,403 Da
NCBI Official Full Name	troponin C, slow skeletal and cardiac muscles
NCBI Official Synonym Full Names	troponin C1, slow skeletal and cardiac type
NCBI Official Symbol	TNNC1
NCBI Official Synonym Symbols	TNC; TN-C; TNNC; CMD1Z; CMH13
NCBI Protein Information	troponin C, slow skeletal and cardiac muscles
UniProt Protein Name	Troponin C, slow skeletal and cardiac muscles
UniProt Gene Name	TNNC1
UniProt Synonym Gene Names	TNNC; TN-C

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/tnnc1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233712>