

Rabbit anti-Human, mouse TNNC2 Polyclonal Antibody | anti-TNNC2 antibody

TNNC2 Antibody (C-term)

CATALOG # AAA287315	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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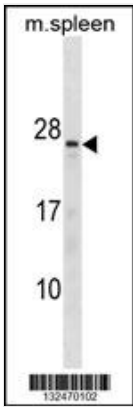
PRODUCT SYNONYMS

TNNC2; Polyclonal Antibody; TNNC2 Antibody (C-term); Troponin C; skeletal muscle; anti-TNNC2 antibody

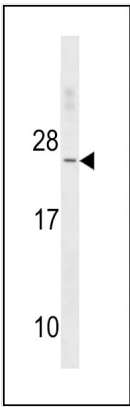
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TNNC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 97-126 amino acids from the C-terminal region of human TNNC2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	97-126
Sequence Length	160
Applicable Applications for anti-TNNC2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
TNNC2 Antibody (C-term) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the TNNC2 antibody detected the TNNC2 protein (arrow).



WB (Western Blot)
TNNC2 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the TNNC2 antibody detected the TNNC2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TNNC2 antibody	Troponin (Tn), a key protein complex in the regulation of striated muscle contraction, is composed of 3 subunits. The Tn-I subunit inhibits actomyosin ATPase, the Tn-T subunit binds tropomyosin and Tn-C, while the Tn-C subunit binds calcium and overcomes the inhibitory action of the troponin complex on actin filaments. The protein encoded by this gene is the Tn-C subunit.
Product Categories/Family for anti-TNNC2 antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Robinson, P., et al. FASEB J. 21(3):896-905(2007) Deloukas, P., et al. Nature 414(6866):865-871(2001) Vassilyev, D.G., et al. Proc. Natl. Acad. Sci. U.S.A. 95(9):4847-4852(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507617
NCBI GeneID	7125
NCBI Accession #	NP_003270.1
NCBI GenBank Nucleotide #	NM_003279.2
UniProt Accession #	P02585 ; Q6FH92
Molecular Weight	18122
NCBI Official Full Name	troponin C, skeletal muscle
NCBI Official Synonym Full Names	troponin C type 2 (fast)
NCBI Official Symbol	TNNC2
NCBI Protein Information	troponin C, skeletal muscle
UniProt Protein Name	Troponin C, skeletal muscle
UniProt Gene Name	TNNC2
UniProt Entry Name	TNNC2_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/tnc2-antibody-western-blot-elisa/287315>