

Rabbit anti-Human, Mouse TNNT1 Polyclonal Antibody | anti-TNNT1 antibody

TNNT1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176710	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

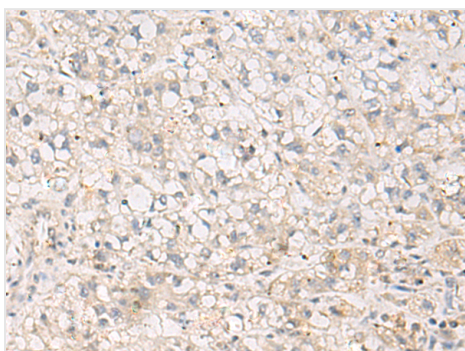
PRODUCT SYNONYMS

TNNT1; Polyclonal Antibody; TNNT1 Polyclonal Antibody; ANM; MGC104241; NEM5; Skeletal; Slow; Slow skeletal muscle; Slow skeletal muscle troponin T; STnT; Tnnt1; TNT; TnTs; Troponin T; Troponin T slow skeletal muscle; Troponin T type 1 (skeletal slow); Troponin T1 skeletal slow; Troponin T1; slow skeletal type; anti-TNNT1 antibody

PRODUCT SPECIFICATIONS

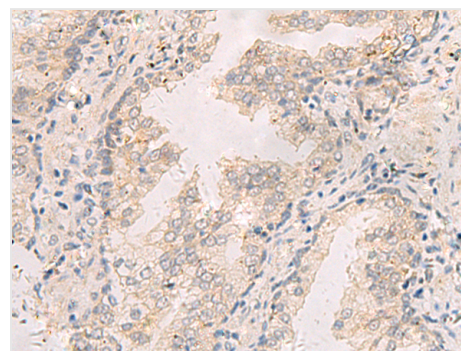
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.66mg/mL (varies by lot)
Sequence Length	251
Applicable Applications for anti-TNNT1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human TNNT1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



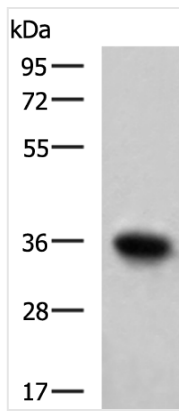
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TNNT1 Polyclonal Antibody at dilution of 1:35(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TNNT1 Polyclonal Antibody at dilution of 1:35(×200)



WB (Western Blot)
 Western blot analysis of Mouse skeletal muscle tissue lysate using TNNT1 Polyclonal Antibody at dilution of 1:550

ADDITIONAL INFORMATION

Related Product Information for anti-TNNT1 antibody	This gene encodes a protein that is a subunit of troponin, which is a regulatory complex located on the thin filament of the sarcomere. This complex regulates striated muscle contraction in response to fluctuations in intracellular calcium concentration. This complex is composed of three subunits: troponin C, which binds calcium, troponin T, which binds tropomyosin, and troponin I, which is an inhibitory subunit. This protein is the slow skeletal troponin T subunit. Mutations in this gene cause nemaline myopathy type 5, also known as Amish nemaline myopathy, a neuromuscular disorder characterized by muscle weakness and rod-shaped, or nemaline, inclusions in skeletal muscle fibers which affects infants, resulting in death due to respiratory insufficiency, usually in the second year. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-TNNT1 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	187173292
NCBI GeneID	7138
NCBI Accession #	NP_001119605.1 ; BC010963
NCBI GenBank Nucleotide #	NP_001119605.1
UniProt Accession #	P13805
Molecular Weight	33 kDa
NCBI Official Full Name	troponin T, slow skeletal muscle isoform c
NCBI Official Synonym Full Names	troponin T1, slow skeletal type
NCBI Official Symbol	TNNT1
NCBI Official Synonym Symbols	ANM; TNT; NEM5; STNT; TNTS
NCBI Protein Information	troponin T, slow skeletal muscle
UniProt Protein Name	Troponin T, slow skeletal muscle
UniProt Gene Name	TNNT1
UniProt Synonym Gene Names	TNT; TnTs; sTnT
UniProt Entry Name	TNNT1_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://www.aaabiotech.com/polyclonal/tnnt1-antibody-immunohistochemistry-western-blot-elisa/176710>