

Rabbit anti-Human, Mouse TNNT3 Polyclonal Antibody | anti-TNNT3 antibody

TNNT3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323355	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

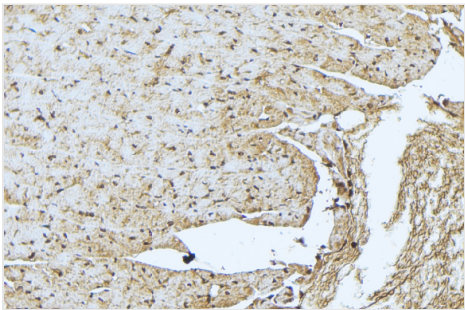
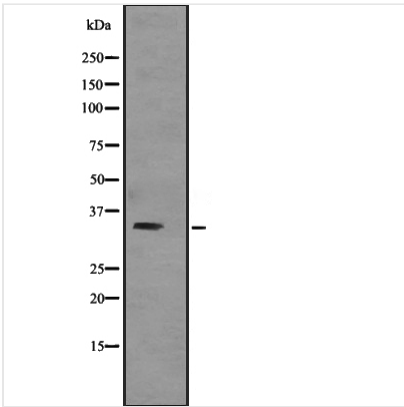
PRODUCT SYNONYMS

TNNT3; Polyclonal Antibody; TNNT3 Antibody; AMCD2B; Beta TnTF; Beta-TnTF; DA2B; DKFZp779M2348; fast skeletal muscle; Fast skeletal muscle troponin T; FSSV; fTnT; TNNT 3; Tnnt3; TNNT3_HUMAN; TnTf; Troponin T; Troponin T fast skeletal muscle; Troponin T type 3 (skeletal fast); Troponin T type 3; Troponin T3 skeletal fast; anti-TNNT3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TNNT3 antibody detects endogenous levels of total TNNT3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	250
Applicable Applications for anti-TNNT3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	In fetal and adult fast skeletal muscles, with a higher level expression in fetal than in adult muscle.
Predicted Cross Reactivity	Pig, Bovine, Horse, Dog, Chicken
Similarity	Pig (92%), Bovine (92%), Horse (92%), Dog (92%), Chicken (92%)
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)
AAA323355 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of TNNT3 expression in Human skeletal muscle lysate; Mouse skeletal muscle lysate; Rat skeletal muscle lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TNNT3 antibody	Description: Troponin T is the tropomyosin-binding subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. Similarity: Belongs to the troponin T family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112789536
NCBI GeneID	7140
NCBI Accession #	NP_001036245.1
NCBI GenBank Nucleotide #	NM_001042780.2
UniProt Accession #	P45378; Q12975; Q12976; Q12977; Q12978; Q17RG9; A8MQ76; A8MSW1; B3KPX3; B7WP64; B7ZL26; B7ZVV9
Molecular Weight	Observed: 32 kDa Predicted: 32 kDa
NCBI Official Full Name	troponin T, fast skeletal muscle isoform 3
NCBI Official Synonym Full Names	troponin T3, fast skeletal type
NCBI Official Symbol	TNNT3
NCBI Official Synonym Symbols	TNTF; beta-TnTF
NCBI Protein Information	troponin T, fast skeletal muscle
UniProt Protein Name	Troponin T, fast skeletal muscle
UniProt Gene Name	TNNT3
UniProt Synonym Gene Names	TnTf; fTnT

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.