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Troponin T fast + slow skeletal muscle Rabbit pAb

Catalog # AP97589

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	P45378
Other Accession	P45378
Predicted	Pig, Human, Rabbit, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31825
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Troponin T fast + slow skeletal muscle
Epitope Specificity	31-130/269
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the troponin T family.
DISEASE	Defects in TNNT3 are a cause of distal arthrogryposis type 2B (DA2B) [MIM:601680]; also known as arthrogryposis multiplex congenita, distal, type 2B (AMCD2B). DA2B is a form of inherited multiple congenital contractures. Affected individuals have vertical talus, ulnar deviation in the hands, severe camptodactyly, and a distinctive face characterized by a triangular shape, prominent nasolabial folds, small mouth and a prominent chin.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	7140
Other Names	DA2B2; TNTF; beta-TnTF; TNNT3_HUMAN; TNNT3; Fast skeletal muscle troponin T (fTnT); troponin T3, fast skeletal type; troponin T3, skeletal, fast; troponin T type 3 (skeletal, fast); troponin-T3, skeletal, fast
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TNNT3

Function	Troponin T is the tropomyosin-binding subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.
Tissue Location	In fetal and adult fast skeletal muscles, with a higher level expression in fetal than in adult muscle

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.