

Troponin I FS Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252200

Unit: 0.1 mg

Description:

Troponin I, fast skeletal muscle (troponin I FS) is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. Defects in troponin I FS are a cause of distal arthrogryposis type 2B (DA2B), 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.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

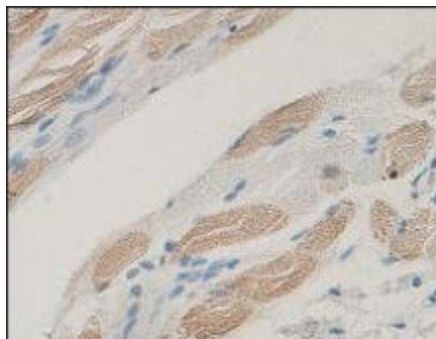
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Troponin I, fast skeletal muscle; Troponin I, fast-twitch isoform; TNNI2

Accession No.: P48788

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human troponin I FS.

Application Notes: E: 1:10,000-1:50,000; WB: 2:100-1:1,000; IHC: 1:50-1:200



Troponin I FS staining in human skeletal muscle. Paraffin-embedded human skeletal muscle is stained with Troponin I FS Antibody (Cat. No. 252200) used at 1:100 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.