

Anti-TNNT2 Rabbit Polyclonal Antibody

Cat: AC51095

Basic information

Source: Rabbit

Swiss Prot: P45379

Species reactivity: Human Mouse Rat

Gene ID: 7139

Isotype: IgG

Tested applications: WB

Purification: Affinity purification

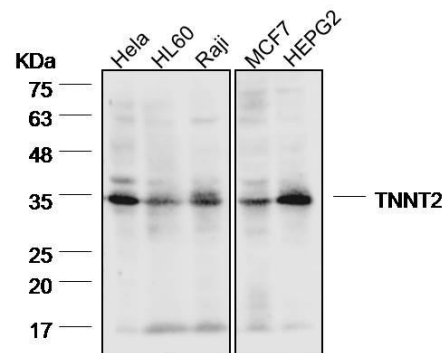
Immunogen: A synthetic peptide of human TNNT2

MW(kDa): 36/31kDa

Storage: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Background:

The protein encoded by this gene is the tropomyosin-binding subunit of the troponin complex, which is located on the thin filament of striated muscles and regulates muscle contraction in response to alterations in intracellular calcium ion concentration. Mutations in this gene have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Transcripts for this gene undergo alternative splicing that results in many tissue-specific isoforms, however, the full-length nature of some of these variants has not yet been determined.



Western blot analysis with anti-TNNT2 Rabbit Polyclonal Antibody diluted at 1:1,000