

Product datasheet for **AP55359SU-N**

Cardiac Troponin T (TNNT2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/500-1/5000. Immunohistochemistry: 1/200-1/1000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from C-terminal domain of Human Troponin
Specificity:	Reacts with Human 36 kDa TnTc.
Formulation:	State: Serum State: Lyophilized serum Preservative: None
Reconstitution Method:	Restore in distilled water.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store the antibody at -20°C. Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	troponin T2, cardiac type
Database Link:	Entrez Gene 7139 Human P45379
Background:	Cardiac Troponin T, a 36kDa protein, 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 within the protein have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Transcripts for the gene undergo alternative splicing that results in many tissue specific isoforms.



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Synonyms: cTnT, TnTc, TNNT2