



Anti-TNNT2 (aa 150-250) polyclonal antibody (DPABH-27351)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 150 - 250 of Mouse Cardiac Troponin T.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	TNNT2 troponin T3, cardiac [Mus musculus]
Official Symbol	TNNT2
Synonyms	TNNT2; troponin T2, cardiac; Tnt; cTnT; troponin T, cardiac muscle; tnTc; cardiac TnT; cardiac muscle troponin T;
Entrez Gene ID	21956
Protein Refseq	NP_001123646.1
UniProt ID	Q6P3Z7
Pathway	Adrenergic signaling in cardiomyocytes; Cardiac muscle contraction; Dilated cardiomyopathy; Hypertrophic cardiomyopathy (HCM)
Function	contributes_to ATPase activity; actin binding; protein binding, bridging; structural constituent of cytoskeleton