





Troponin I-C Monoclonal Antibody

TNNI3. AA range:5-54 Specificity Troponin I-C Monoclonal Antibody detects endogenous levels of Troponin I-C protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms TNNI3; TNNC1; Troponin I; cardiac muscle; Cardiac troponin I Observed Band 28kD Cell Pathway Tissue Specificity Function Background Troponin I (TnI), along with troponin T (TnT) and troponin C (TnC), is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle TnI is the inhibitory subunit; blocking actin-myosin interactions and thereby mediating striated muscle relaxation. The TnI subfamily contains three genes: tnI-skeletal-fast-twicth, TnI-skeletal-slow-twitch, and TnI-cardiac. This gene encodes the TnI-cardiac protein and is exclusively expressed in cardiac muscle and cardiac muscle.		
Reactivity Mouse;Rat Applications WB Gene Name TNNI3 Protein Name Troponin I cardiac muscle Immunogen The antiserum was produced against synthesized peptide derived from mouse TNNI3. AA range:5-54 Specificity Troponin I-C Monoclonal Antibody detects endogenous levels of Troponin I-C protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms TNNI3; TNNC1; Troponin I; cardiac muscle; Cardiac troponin I Observed Band 28kD Cell Pathway Tissue Specificity Function Background Troponin I (TnI), along with troponin T (TnT) and troponin C (TnC), is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle TnI is the inhibitory subunit; blocking actin-myosin interactions and thereby mediating striated muscle relaxation. The TnI subfamily contains three genes: thi-skeletal-fast-twitch, TnI-skeletal-slow-twitch, and TnI-cardiac. This gene encodes the TnI-cardiac protein and is exclusively expression cardiac muscle relaxation and is exclusively expression and since amuscle muscle relaxation and is exclusively expression and is cardiac muscle cardiac muscle relaxation and is exclusively expression and in cardiac muscle muscle.	Catalog No	YP-mAb-03200
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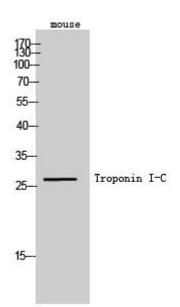




Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Troponin I-C Monoclonal Antibody