Troponin T Rabbit mAb

Catalog No: #58945

Package Size: #58945-1 50ul #58945-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Troponin T Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human Mouse Rat
Specificity	Troponin T Antibody detects endogenous levels of Troponin T
Immunogen Description	A synthesized peptide derived from human Troponin T
Other Names	TNNT2 ; Cardiac muscle troponin T; Troponin T, cardiac muscle; troponin T type 2 (cardiac);
Accession No.	Uniprot:P45379
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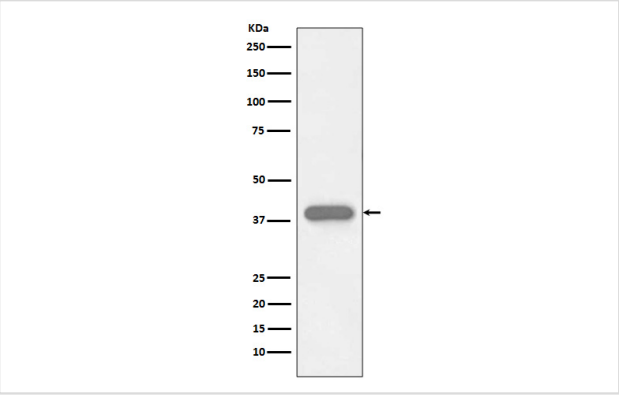
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

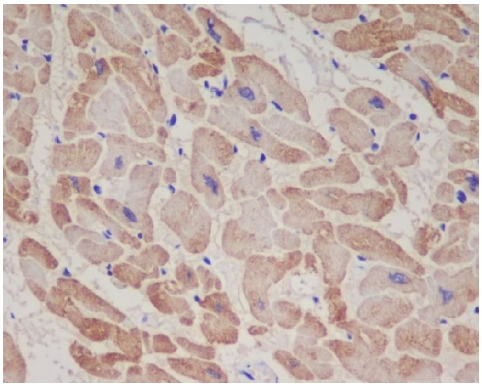
Application Details

WB 1:5000~1:20000 IHC 1:50~1:200

Images



Western blot analysis of Troponin T expression in human fetal heart lysate.



Immunohistochemical analysis of paraffin-embedded human heart muscle, using Troponin T Antibody.

Product Description

Troponin, working in conjunction with tropomyosin, functions as a molecular switch, regulating muscle contraction in response to changes in the intracellular Ca2+ concentration. Troponin consists of three subunits: the Ca2+-binding subunit troponin C (TnC), the tropomyosin-binding subunit troponin T (TnT), and the inhibitory subunit troponin I (TnI).

Background

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Note: This product is for in vitro research use only