

Cardiac Troponin /TTNNT2 Antibody

Catalog No: #48559



Package Size: #48559-1 50ul #48559-2 100ul

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

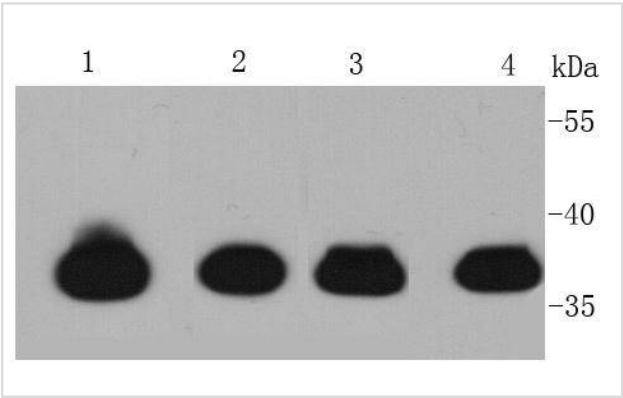
Description

Product Name	Cardiac Troponin /TTNNT2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Peptide affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic peptide (KLH-coupled) within human TNNT2 1-100 aa.
Other Names	Cardiac muscle troponin T antibody Cardiomyopathy dilated 1D (autosomal dominant) antibody Cardiomyopathy hypertrophic 2 antibody CMD1D antibody CMH2 antibody CMPD2 antibody cTnT antibody LVNC6 antibody MGC3889 antibody OTTHUMP00000033864 antibody OTTHUMP00000033865 antibody OTTHUMP00000033866 antibody OTTHUMP00000033867 antibody OTTHUMP00000033870 antibody OTTHUMP00000218095 antibody RCM3 antibody TNNT 2 antibody TNNT2 antibody TNNT2_HUMAN antibody TnTc antibody Troponin T cardiac muscle antibody Troponin T type 2 (cardiac) antibody Troponin T type 2 cardiac antibody Troponin T, cardiac muscle antibody Troponin T2 cardiac antibody
Accession No.	Swiss-Prot#:P45379
Uniprot	P45379
GeneID	7139;
Calculated MW	36 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

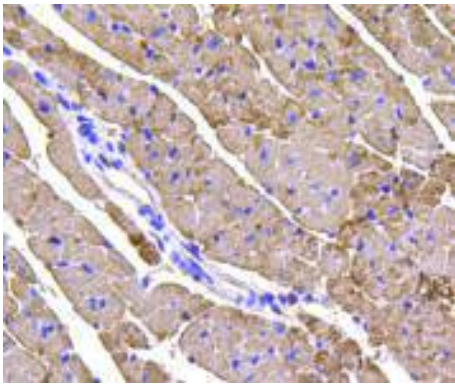
Application Details

WB: 1:5000 IHC: 1:200

Images



Western blot analysis of TNNT2 on different lysates using anti-TNNT2 antibody at 1/5,000 dilution.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-TNNT2 antibody. Counter stained with hematoxylin.

Background

Troponin T type 2 (cardiac), also known as TNNT2, 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 of this gene may be associated with mild or absent hypertrophy and predominant restrictive disease, with a high risk of sudden cardiac death.

References

Note: This product is for in vitro research use only