Mouse Troponin I Type 3 Monoclonal Antibody | anti-TNNI3 antibody

Monoclonal Antibody to Troponin I Type 3, Cardiac (TNNI3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20817	**Mouse**	**Human, Mouse, Rat, Dog, Pig, Bovine**	**Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation**

PRODUCT SYNONYMS

Troponin I Type 3; Monoclonal Antibody; Monoclonal Antibody to Troponin I Type 3; Cardiac (TNNI3); anti-TNNI3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Dog, Pig, Bovine
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	D2
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TNNI3 antibody	WB (Westen Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	Western blotting: 0.5-2ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Optimal working dilutions must be determined by end user.
Source	Monoclonal antibody preparation
Traits	Liquid
Cross Reactivity	Mouse; Rat; Canine; Porcine; Bovine.
Immunogen	Recombinant cTnI (Met1~Gly203) expressed in E.coli
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. **Stability Test:** thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P;Samples: Human Skeletal muscle TissuePrimary Ab: 10ug/ml Mouse Anti-Human TNNI3 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot;Sample:Lane 1: Rat Heart lysateLane 2: Rat Skeletal muscle lysateLane 3: Porcine Heart lysateLane 4: Porcine Skeletal muscle lysateLane 5: Mouse Heart lysateLane 6: Canine Heart lysateLane 7: Bovine Heart lysate;Primary Ab: 1ug/ml Mouse Anti-Human TNNI3 AntibodySecond Ab: 0.2ug/mL HRP-LinkedCaprine Anti-Mouse IgG Polyclonal Antibody(Western Blot

NCBI AND UNIPROT INFORMATION

NCBI GI #	68563325
NCBI GeneID	7137
NCBI Official Full Name	Troponin I type 3 (cardiac)
NCBI Official Synonym Full Names	troponin I type 3 (cardiac)
NCBI Official Symbol	TNNI3
NCBI Official Synonym Symbols	CMH7; RCM1; cTnI; CMD2A; TNNC1; CMD1FF
NCBI Protein Information	troponin I, cardiac muscle
UniProt Protein Name	Troponin I, cardiac muscle
UniProt Gene Name	**TNNI3**
UniProt Synonym Gene Names	TNNC1
UniProt Entry Name	TNNI3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/troponin-i-type-3-antibody-clone-d2-westen-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/20817