

Rabbit TNNI3 Polyclonal Antibody | anti-TNNI3 antibody

TNNI3 Polyclonal Antibody

CATALOG # AAA168596	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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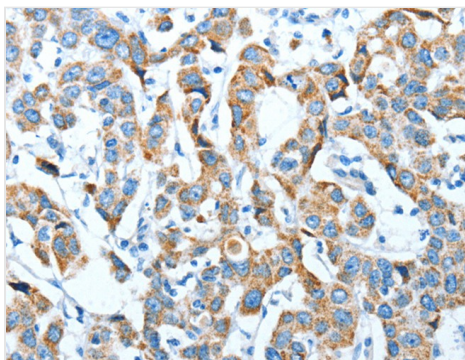
PRODUCT SYNONYMS

TNNI3; Polyclonal Antibody; TNNI3 Polyclonal Antibody; CMH7; RCM1; cTnI; CMD2A; TNNC1; CMD1FF; anti-TNNI3 antibody

PRODUCT SPECIFICATIONS

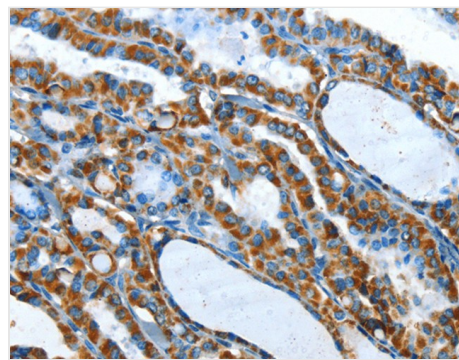
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	210
Applicable Applications for anti-TNNI3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human TNNI3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



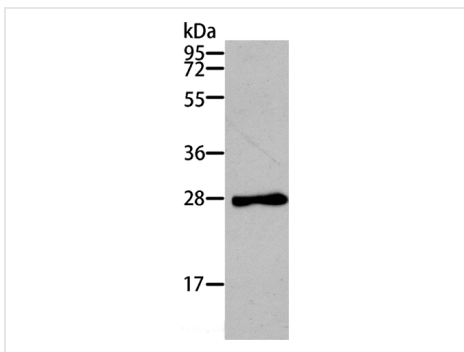
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using TNNI3 Polyclonal Antibody at dilution of 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using TNNI3 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)

Western Blot analysis of Mouse heart tissue using TNNI3 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-TNNI3 antibody	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-twitch, TnI-skeletal-slow-twitch, and TnI-cardiac. This gene encodes the TnI-cardiac protein and is exclusively expressed in cardiac muscle tissues. Mutations in this gene cause familial hypertrophic cardiomyopathy type 7 (CMH7) and familial restrictive cardiomyopathy (RCM).
Product Categories/Family for anti-TNNI3 antibody	Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456923
NCBI GeneID	7137
UniProt Accession #	Q6FGX2 ; P19429
Molecular Weight	24,008 Da
NCBI Official Full Name	TNNI3
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; cardiomyopathy, dilated 2A (autosomal recessive)
UniProt Protein Name	TNNI3 protein
UniProt Gene Name	TNNI3
UniProt Entry Name	Q6FGX2_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://www.aaabiotech.com/polyclonal/tnni3-antibody-immunohistochemistry-western-blot-elisa/168596>