

Anti-TNNC1 antibody

Cat. No.	ml123840
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-TNNC1 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Full length fusion protein
Reactivity	Human, Mouse
Content	1.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	TNNC1
Full name	troponin C type 1 (slow)
Synonyms	TNC; TN-C; TNNC; CMD1Z; CMH13
Swissprot	P63316

Target Background

Troponin is a central regulatory protein of striated muscle contraction, and together with tropomyosin, is located on the actin filament. Troponin consists of 3 subunits: TnI, which is the inhibitor of actomyosin ATPase; TnT, which contains the binding site for tropomyosin; and TnC, the protein encoded by this gene. The binding of calcium to TnC abolishes the inhibitory action of TnI, thus allowing the interaction of actin with myosin, the hydrolysis of ATP, and the generation of tension.

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Applications

Western blotting

Predicted band size: 18 kDa

Positive control: Mouse skeletal muscle tissue

Recommended dilution: 500-2000

Gel: 12%SDS-PAGE

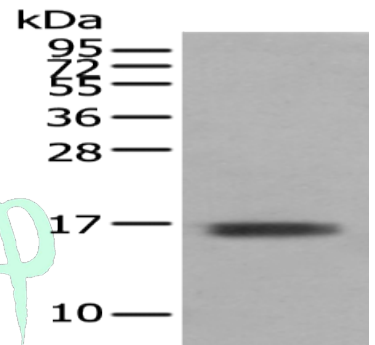
Lysate: 40 μ g

Lane: Mouse skeletal muscle tissue

Primary antibody: ml123840(TNNC1 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 5000-10000

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