

TNNC1 Polyclonal Antibody

Catalog No. E-AB-18400

Note: Centrifuge before opening to ensure complete recovery of vial contents.

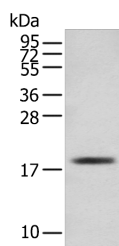
Description

Reactivity	Human, Mouse
Immunogen	Full length fusion protein
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

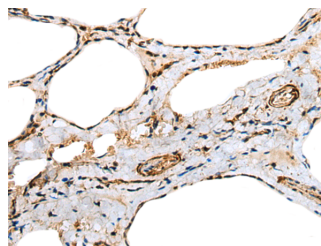
WB	1:500-1:2000
IHC	1:10-1:50

Data



Western blot analysis of Mouse skeletal muscle tissue using TNNC1 Polyclonal Antibody at dilution of 1:250

Observed Mw: Refer to figures
Calculated Mw: 18 kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TNNC1 Polyclonal Antibody at dilution of 1:25 (x200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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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