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Datasheet for ABIN7249115
anti-TNNC1 antibody

2 Images

Overview

Quantity:	200 µL
Target:	TNNC1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNNC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Full length fusion protein
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	TNNC1
Alternative Name:	TNNC1 (TNNC1 Products)
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

Target Details

of Tnl, thus allowing the interaction of actin with myosin, the hydrolysis of ATP, and the generation of tension.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 18 kDa

UniProt: [P63316](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:10-1:50, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.8 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

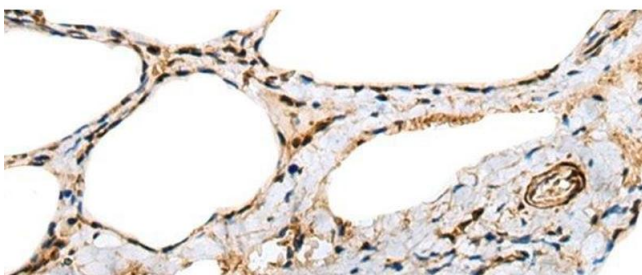
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

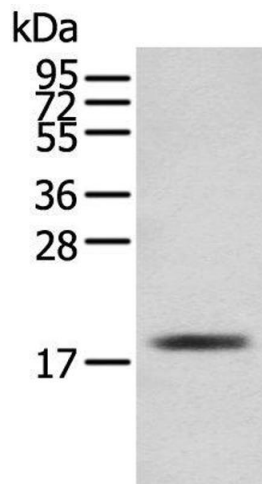
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

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



Western Blotting

Image 2. Western blot analysis of Mouse skeletal muscle tissue using TNNC1 Polyclonal Antibody at dilution of 1:250