

TNNC1 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13111
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human TNNC1
Mol wt	17710
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	TNNC1
Synonyms	TNNC1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

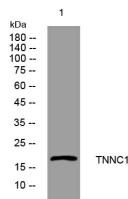
Troponin is a central regulatory protein of striated muscle contraction and together with tropomyosin is located on the actin filament. Troponin consists of 3 subunits: TnI which is the inhibitor of actomyosin ATPase; TnT which contains the binding site for tropomyosin; and TnC the protein encoded by 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. Mutations in this gene are associated with cardiomyopathy dilated type 1Z.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from PC-12 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year