



[Go to Product page](#)

Datasheet for ABIN6257189
anti-TNNT3 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	TNNT3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNNT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human TNNT3, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	TNNT3 Antibody detects endogenous levels of total TNNT3.
Predicted Reactivity:	Pig,Bovine,Horse,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	TNNT3
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Target Details

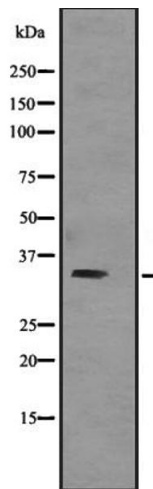
Alternative Name:	TNNT3 (TNNT3 Products)
Background:	Description: Troponin T is the tropomyosin-binding subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. Gene: TNNT3
Molecular Weight:	32 kDa
Gene ID:	7140
UniProt:	P45378

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

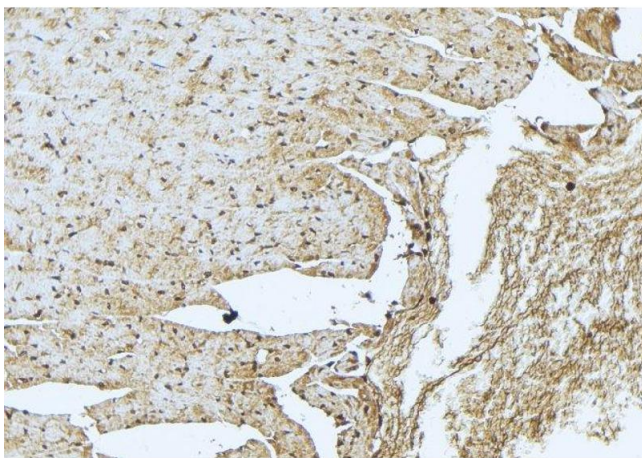
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of TNNT3 expression in Human skeletal muscle lysate; Mouse skeletal muscle lysate; Rat skeletal muscle lysate, The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6273408 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary