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Datasheet for ABIN7428401  
**anti-TNNI1 antibody (AA 1-187)**

### Overview

Quantity:	100 µL
Target:	TNNI1
Binding Specificity:	AA 1-187
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNNI1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Monoclonal Antibody to Troponin I Type 1, Slow Skeletal (TNNI1)
Immunogen:	Recombinant Troponin I Type 1, Slow Skeletal (TNNI1) corresponding to Met1~Gln187 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against TNNI1. It has been selected for its ability to recognize TNNI1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

### Target Details

Target:	TNNI1
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## Target Details

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Alternative Name: Troponin I Type 1, Slow Skeletal ([TNNI1 Products](#))

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Background: TNN1, Troponin I, slow-twitch isoform

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## Application Details

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Application Notes: Western blotting: 0.2-2 µg/mL  
1:500-5000 Immunohistochemistry: 5-20 µg/mL  
1:50-200 Immunocytochemistry: 5-20 µg/mL  
1:50-200 Optimal working dilutions must be determined by end user.

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Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

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Preservative: ProClin

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

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Storage: 4 °C,-20 °C

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Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

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Expiry Date: 24 months

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