

Datasheet for ABIN6242679
anti-TPM3 antibody (AA 245-276)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µL
Target:	TPM3
Binding Specificity:	AA 245-276
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPM3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TPM3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 245-276 amino acids from the human region of human TPM3.
Clone:	RB54537
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, Zf, M, Pig, Rb, Rat, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TPM3
Alternative Name:	TPM3 (TPM3 Products)

Target Details

Background:	Binds to actin filaments in muscle and non-muscle cells. Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments.
Molecular Weight:	32950
UniProt:	P06753

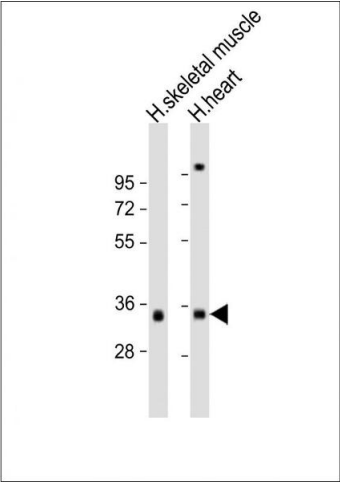
Application Details

Application Notes:	WB: 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months

Images



Western Blotting

Image 1. All lanes : Anti-T Antibody (C-Term) at 1:2000 dilution Lane 1: human skeletal muscle lysate Lane 2: human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.