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## Datasheet for ABIN7120326 **anti-Tropomyosin 4 antibody**

### Overview

Quantity:	100 µg
Target:	Tropomyosin 4 (TPM4)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tropomyosin 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

### Product Details

Immunogen:	tropomyosin 4
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	Tropomyosin 4 (TPM4)
Alternative Name:	TPM4 ( <a href="#">TPM4 Products</a> )
Background:	Synonyms: 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. Binds

## Target Details

	calcium.
Molecular Weight:	29 kDa
Gene ID:	7171
UniProt:	<a href="#">P67936</a>

## Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months