

Datasheet for ABIN7305946

**anti-TPM3 antibody**

3 Images

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## Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | TPM3   |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This TPM3 antibody is un-conjugated  |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunochromatography (IC) |

## Product Details

|                  |   |
|------------------|---|
| Immunogen:       | Recombinant full length protein of human Tropomyosin 3          |
| Specificity:     | Recognizes endogenous levels of Tropomyosin 3 protein.          |
| Characteristics: | Rabbit polyclonal antibody to Tropomyosin 3                     |
| Purification:    | The antibody was purified by immunogen affinity chromatography. |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | TPM3   |
| Alternative Name: | Tropomyosin 3 ( <a href="#">TPM3 Products</a> )                                  |
| Background:       | Tropomyosin alpha-3 chain, Gamma-tropomyosin, Tropomyosin-3, Tropomyosin-5, hTM5 |
| Gene ID:          | 7170, 59069, 117557  |

## Target Details

UniProt: [P06753](#), [P21107](#), [Q63610](#)

## Application Details

Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

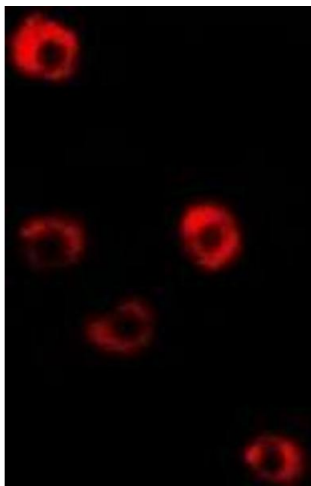
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

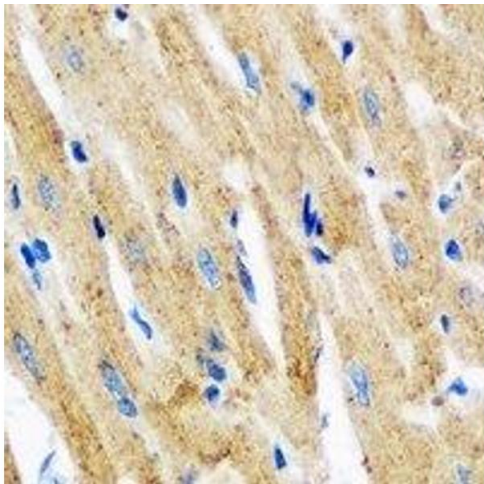
Expiry Date: 12 months

## Images



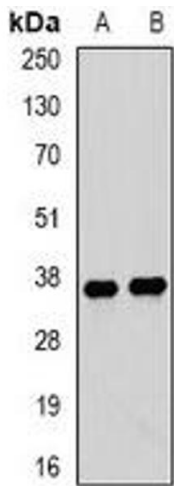
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of Tropomyosin 3 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary a



Immunohistochemistry

**Image 2.** Immunohistochemical analysis of Tropomyosin 3 staining in mouse heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated wi



Western Blotting

**Image 3.** Western blot analysis of Tropomyosin 3 expression in mouse lung (A), mouse heart (B) whole cell lysates.