

Datasheet for ABIN7308432  
**anti-Tropomyosin antibody**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	Tropomyosin (TPM1)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tropomyosin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

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

## Target Details

Target:	Tropomyosin (TPM1)
Alternative Name:	Tropomyosin ( <a href="#">TPM1 Products</a> )
Background:	C15orf13, TMSA, Tropomyosin alpha-1 chain, Alpha-tropomyosin, Tropomyosin-1
Gene ID:	7168, 22003, 24851

## Target Details

UniProt:	<a href="#">P09493</a> , <a href="#">P58771</a> , <a href="#">P04692</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

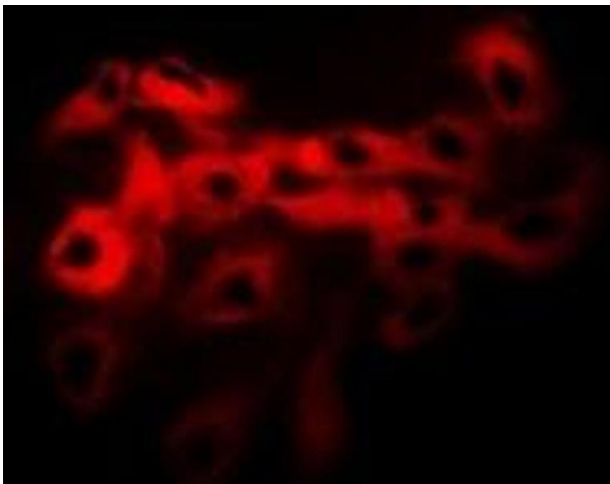
## Application Details

Application Notes:	WB (1:500 - 1:2000), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

## Handling

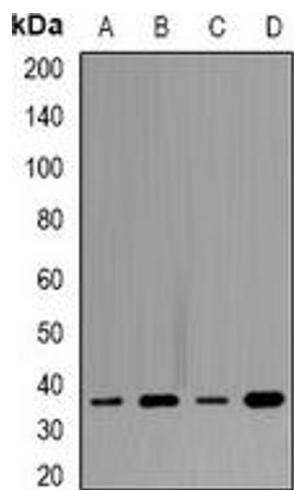
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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 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 ant



Western Blotting

**Image 2.** Western blot analysis of Tropomyosin expression in SW480 (A), MCF7 (B), mouse heart (C), mouse brain (D) whole cell lysates.