

Datasheet for ABIN7308432
anti-Tropomyosin antibody

2 Images

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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 (TPM1 Products)
Background:	C15orf13, TMSA, Tropomyosin alpha-1 chain, Alpha-tropomyosin, Tropomyosin-1
Gene ID:	7168, 22003, 24851

Target Details

UniProt:	P09493 , P58771 , P04692
Pathways:	Regulation of Actin Filament Polymerization

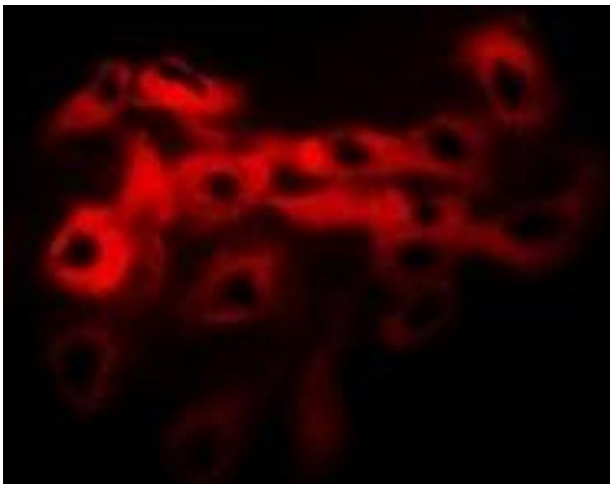
Application Details

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

Handling

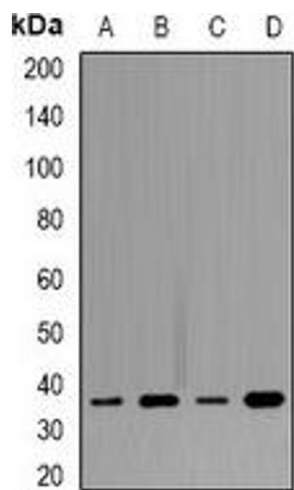
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: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