

Datasheet for ABIN656684

**anti-Tropomyosin 4 antibody (N-Term)**

## 4 Images

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## Overview

Quantity:	400 µL
Target:	Tropomyosin 4 (TPM4)
Binding Specificity:	AA 26-54, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tropomyosin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This TPM4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-54 amino acids from the N-terminal region of human TPM4.
Clone:	RB32711
Isotype:	Ig Fraction
Predicted Reactivity:	Hs, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Tropomyosin 4 (TPM4)
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## Target Details

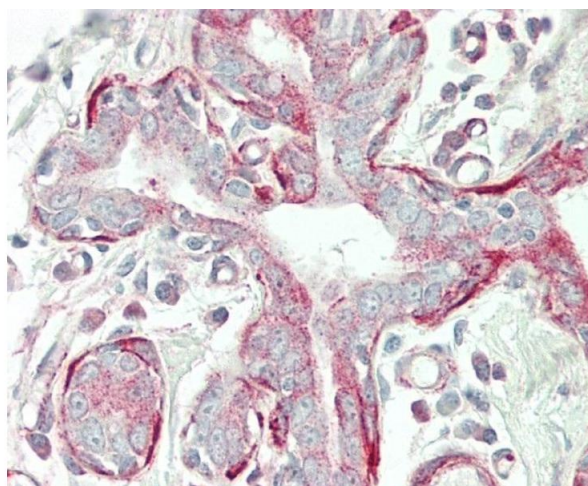
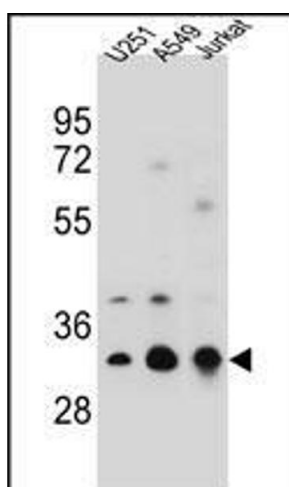
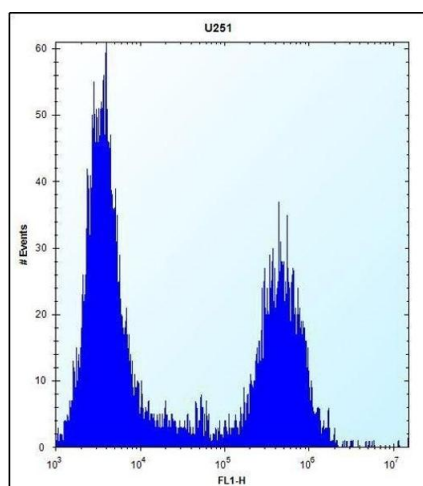
Alternative Name:	TPM4 ( <a href="#">TPM4 Products</a> )
Background:	This gene encodes a member of the tropomyosin family of actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosins are dimers of coiled-coil proteins that polymerize end-to-end along the major groove in most actin filaments. They provide stability to the filaments and regulate access of other actin-binding proteins. In muscle cells, they regulate muscle contraction by controlling the binding of myosin heads to the actin filament. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].
Molecular Weight:	28522
Gene ID:	7171
NCBI Accession:	<a href="#">NP_001138632</a> , <a href="#">NP_003281</a>
UniProt:	<a href="#">P67936</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:100. IHC-P: 1:100. FC: 1:10~50
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
Storage Comment:	TPM4 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** T Antibody (N-term) (ABIN656684 and ABIN2845922) flow cytometric analysis of cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** T Antibody (N-term) (ABIN656684 and ABIN2845922) western blot analysis in A549, Jurkat cell line lysates (35 µg/lane). This demonstrates the T antibody detected the T protein (arrow).

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded H. breast tissue reacted with T Antibody (N-term) (ABIN656684 and ABIN2845922).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN656684.