Datasheet for ABIN5590057

anti-Tropomyosin antibody (AA 128-243)

2 Images

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Overview

Quantity:	100 µL
Target:	Tropomyosin (TPM1)
Binding Specificity:	AA 128-243
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tropomyosin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against recombinant TPM1.
Immunogen:	Recombinant protein corresponding to amino acids 128-243 of human TPM1.
Sequence:	KVIESRAQKD EEKMEIQEIQ LKEAKHIAED ADRKYEEVAR KLVIIESDLE RAEERAELSE GQVRQLEEQL RIMDQTLKAL MAAEDKYSQK EDRYEEEIKV LSDKLKEAET RAEFAE
Isotype:	IgG
Cross-Reactivity:	Human

Target Details

Target:	Tropomyosin (TPM1)
Alternative Name:	TPM1 (TPM1 Products)

Target Details

Background:	Full Gene Name: tropomyosin 1 (alpha) Synonyms: C15orf13,CMD1Y,HTM-alpha,TMSA
Gene ID:	7168
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

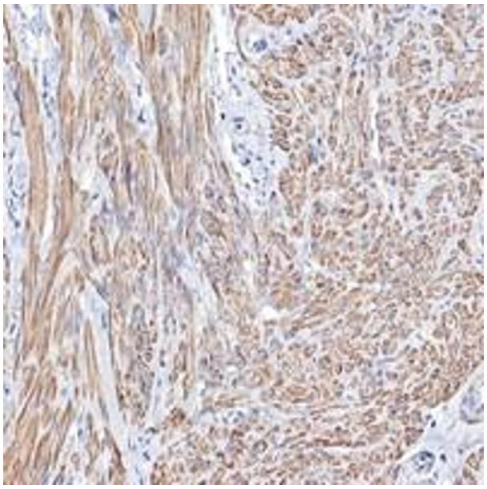
Handling

Format:	Liquid
Buffer:	In PBS, pH 7.2 (40 % glycerol, 0.02 % 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:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Images

Western Blotting

Image 1. Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells with TPM1 polyclonal antibody .



Immunohistochemistry

Image 2. Immunohistochemical staining of human smooth muscle with TPM1 polyclonal antibody shows moderate cytoplasmic positivity in smooth muscle cells.