Datasheet for ABIN7173562

anti-Tropomyosin 4 antibody (AA 1-248)

2 Images

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Overview

Quantity:	100 µL
Target:	Tropomyosin 4 (TPM4)
Binding Specificity:	AA 1-248
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tropomyosin 4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Tropomyosin alpha-4 chain protein (1-248AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Tropomyosin 4 (TPM4)
Alternative Name:	TPM4 (TPM4 Products)
Background:	Background: Binds to actin filaments in muscle and non-muscle cells. Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate

Target Details

	striated muscle contraction. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments. Binds calcium. Aliases: epididymis secretory protein Li 108 antibody, HEL-S-108 antibody, TM30p1 antibody, TMP 4 antibody, TPM4 antibody, TPM4_HUMAN antibody, Tropomyosin 4 antibody, Tropomyosin alpha 4 chain antibody, Tropomyosin alpha-4 chain antibody, Tropomyosin-4 antibody, wu:fb06e07 antibody, zgc:103436 antibody, zgc:63909 antibody
UniProt:	P67936

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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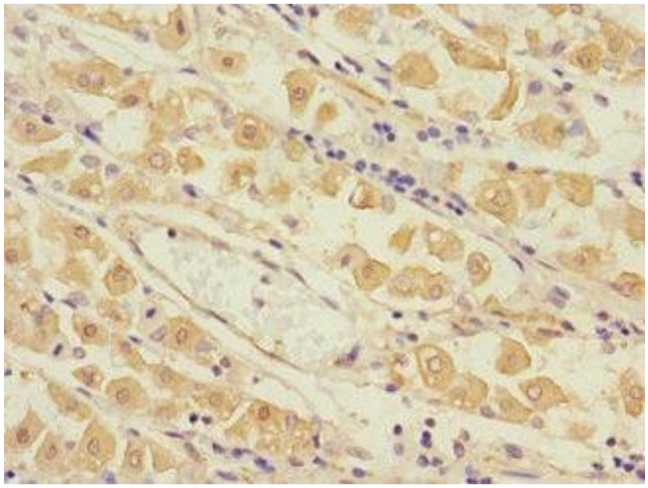
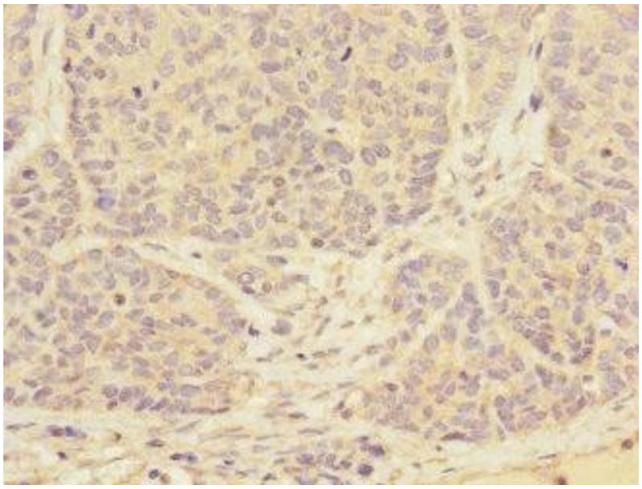


Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7173562 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human ovarian cancer using ABIN7173562 at dilution of 1:100

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