

Datasheet for ABIN2613490

anti-Tropomyosin 4 antibody (C-Term)

5 Images

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Overview

Quantity:	100 µg
Target:	Tropomyosin 4 (TPM4)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Tropomyosin 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	tropomyosin 4 / TPM4
Sequence:	ENVGLHQTLQ
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001138632.1, NP_003281.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

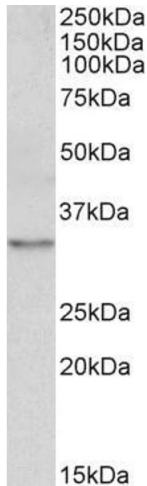
Target:	Tropomyosin 4 (TPM4)
Alternative Name:	TPM4 (TPM4 Products)
Background:	TPM4, tropomyosin 4, TM30p1, tropomyosin alpha-4 chain, tropomyosin-4
Gene ID:	7171, 326618, 24852
NCBI Accession:	NP_001138632 , NP_003281

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Placenta and Prostate. Recommended concentration: 2.5 µg/mL. Western Blot: Approx 32 kDa band observed in Human Platelets, Pig Heart and in NIH3T3 lysates (calculated MW of 32.7 kDa according to NP_001138632.1). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

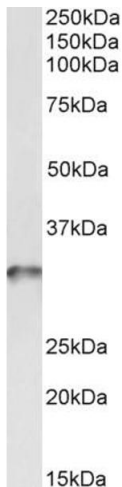
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



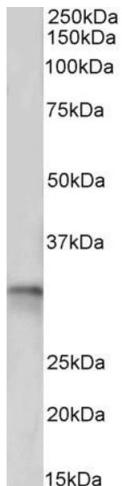
Western Blotting

Image 1. ABIN2613490 (0.1µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

Image 2. ABIN2613490 (0.03µg/ml) staining of Human Platelets lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

Image 3. ABIN2613490 (0.5µg/ml) staining of Pig Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2613490.