

For Research Use Only

# TPM2 Polyclonal antibody

Catalog Number: 55443-1-AP

Featured Product



## Basic Information

Catalog Number:

55443-1-AP

Size:

850 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_003289

GeneID (NCBI):

7169

UNIPROT ID:

P07951

Full Name:

tropomyosin 2 (beta)

Calculated MW:

33 kDa

Observed MW:

37 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : mouse heart tissue, HeLa cells

IHC : human breast cancer tissue,

## Background Information

### Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

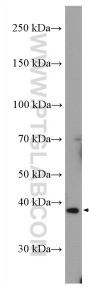
T: 4006900926

E: Proteintech-CN@ptglab.com

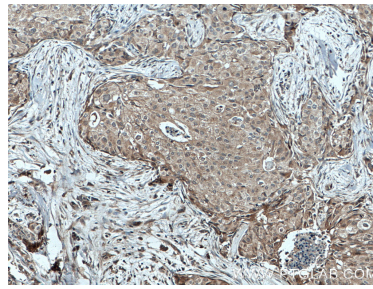
W: ptgcn.com

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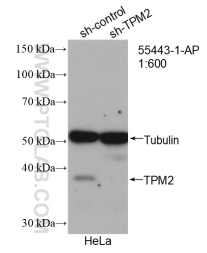
## Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 55443-1-AP (TPM2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 55443-1-AP (TPM2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of TPM2 antibody (55443-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-TPM2 transfected HeLa cells.