

For Research Use Only

TPM2 Polyclonal antibody

Catalog Number: 55443-1-AP

Featured Product



Basic Information

Catalog Number:

55443-1-AP

Size:

150ul , Concentration: 850 ug/ml by Nanodrop and 307 ug/ml by Bradford method using BSA as the standard;

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:

WB, IHC, 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,

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

*** 20ul sizes contain 0.1% BSA

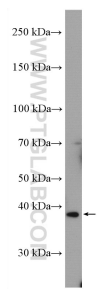
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

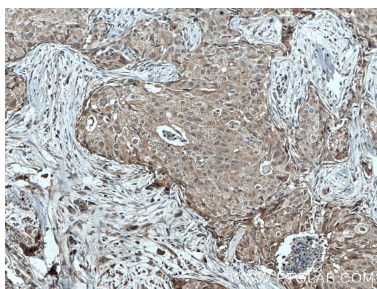
E: proteintech@ptglab.com
W: ptglab.com

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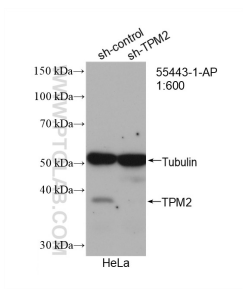
Selected Validation Data



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.