

For Research Use Only

# TPM3 Polyclonal antibody

Catalog Number: 55444-1-AP



## Basic Information

<b>Catalog Number:</b> 55444-1-AP	<b>GenBank Accession Number:</b> NM_153649	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 200 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7170	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> tropomyosin 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 40-42 kDa	

## 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 skeletal muscle tissue, HepG2 cells

IHC : human colon tissue, human colon cancer tissue, human liver cancer tissue

## Background Information

### Storage

#### Storage:

Store at -20°C.

#### 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**

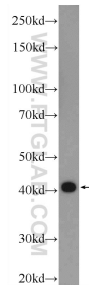
For technical support and original validation data for this product please contact:

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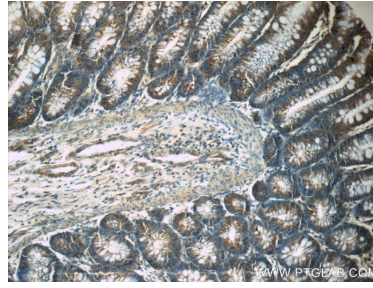
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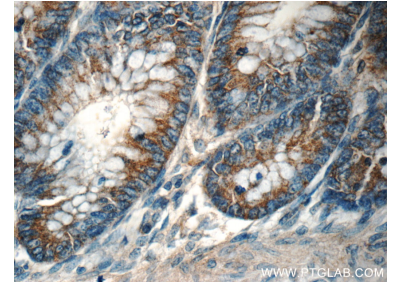
## Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 55444-1-AP (TPM3 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 55444-1-AP (TPM3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 55444-1-AP (TPM3 Antibody) at dilution of 1:50 (under 40x lens).