

For Research Use Only

# TPST1 Polyclonal antibody

Catalog Number: 12404-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 12404-1-AP	<b>GenBank Accession Number:</b> BC013188	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8460	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> tyrosylprotein sulfotransferase 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 370 aa, 42 kDa	
<b>Immunogen Catalog Number:</b> AG3093	<b>Observed MW:</b> 42 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, mouse heart tissue, rat heart tissue
<b>Cited Applications:</b> WB	<b>IHC :</b> human colon cancer tissue,
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> Chinese Hamster	

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

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ren Liu	34081410	Biotechnol J	WB

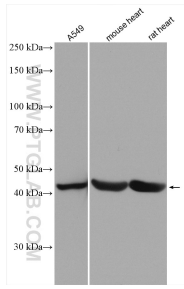
## Storage

**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

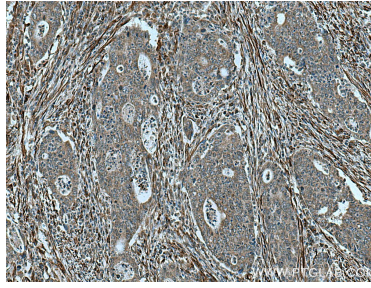
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12404-1-AP (TPST1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12404-1-AP (TPST1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).