

For Research Use Only

TPST1 Polyclonal antibody, PBS Only

Catalog Number: 12404-1-PBS



Basic Information

Catalog Number: 12404-1-PBS	GenBank Accession Number: BC013188	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 8460	
Isotype: IgG	UNIPROT ID: O60507	
Immunogen Catalog Number: AG3093	Full Name: tyrosylprotein sulfotransferase 1	
	Calculated MW: 370 aa, 42 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

TPST1 is a human tyrosylprotein sulfotransferase that uses 3' phosphoadenosine-5' phosphosulfate (PAPS) to transfer the sulfate moiety to proteins predominantly designated for secretion. High TPST1 expression was linked with clinicopathological characteristics and unfavorable prognosis of HNSC patients (PMID: 16859706). In lung cancer, TPST1 expression was associated with the tumor-node metastasis (TNM) stage and lymph node metastasis, suggesting that it may be a useful prognostic indicator for lung cancer patients (PMID: 18243191, 17028309).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

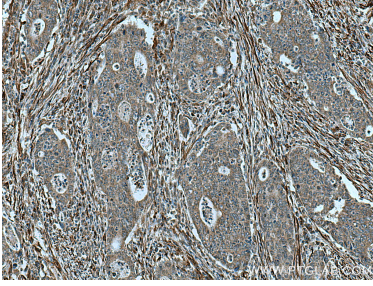
T: 4006900926

E: Proteintech-CN@ptglab.com

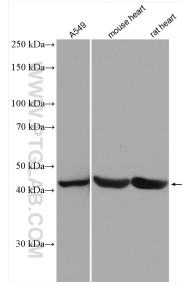
W: ptgcn.com

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Selected Validation Data



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). This data was developed using the same antibody clone with 12404-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 12404-1-PBS in a different storage buffer formulation.