

# TPST1 Rabbit pAb

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Catalog # AP58528

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF
<b>Reactivity</b>	Mouse
<b>Predicted</b>	Human, Rat, Chicken, Dog, Pig, Horse, Rabbit
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	41 KDa
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human TPST1
<b>Epitope Specificity</b>	165-260/370
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Golgi apparatus membrane; Single-pass type II membrane protein.
<b>SIMILARITY</b>	Belongs to the protein sulfotransferase family.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	Catalyzes the O-sulfation of tyrosine residues within acidic motifs of polypeptides.

## Additional Information

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<b>Other Names</b>	Protein-tyrosine sulfotransferase 1, 2.8.2.20, Tyrosylprotein sulfotransferase 1, TPST-1, TPST1
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Background

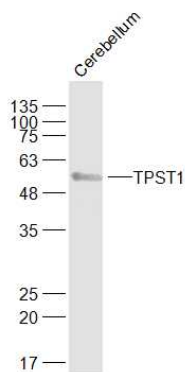
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Catalyzes the O-sulfation of tyrosine residues within acidic motifs of polypeptides.

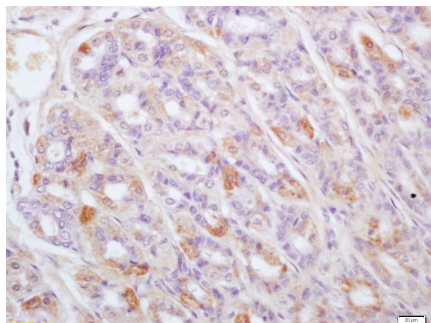
## Images

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Sample:  
Cerebellum (Mouse) Lysate at 40 ug



Primary: Anti-TPST1 (AP58528) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 41 kD  
 Observed band size: 51 kD



Tissue/cell: mouse stomach tissue; 4%  
 Paraformaldehyde-fixed and paraffin-embedded;  
 Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling  
 bathing for 15min; Block endogenous peroxidase by 3%  
 Hydrogen peroxide for 30min; Blocking buffer (normal  
 goat serum,C-0005) at 37°C for 20 min;  
 Incubation: Anti-TPST1 Polyclonal Antibody,  
 Unconjugated(AP58528) 1:200, overnight at 4°C, followed  
 by conjugation to the secondary antibody(SP-0023) and  
 DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.