

**TPST1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58528**

**Specification**

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**TPST1 Polyclonal Antibody - Product Information**

Application	IHC-P, WB
Primary Accession	<a href="#">O60507</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42188

**TPST1 Polyclonal Antibody - Additional Information**

**Gene ID** 8460

**Other Names**

Protein-tyrosine sulfotransferase 1, 2.8.2.20, Tyrosylprotein sulfotransferase 1, TPST-1, TPST1

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

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.

**TPST1 Polyclonal Antibody - Protein Information**

**Name** TPST1

**Function**

Catalyzes the O-sulfation of tyrosine residues within acidic motifs of polypeptides, using 3'-phosphoadenylyl sulfate (PAPS) as cosubstrate.

**Cellular Location**

Golgi apparatus membrane; Single-pass type II membrane protein

**Tissue Location**

Ubiquitous. Detected in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

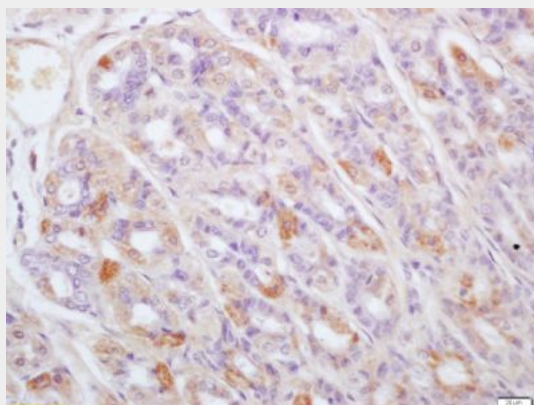
**TPST1 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

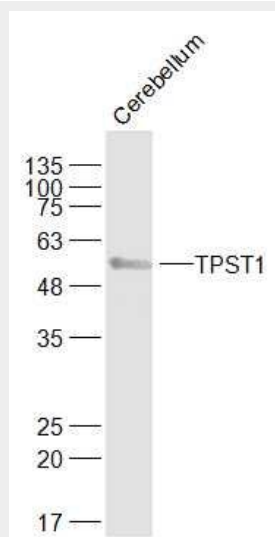
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TPST1 Polyclonal Antibody - Images



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(bs-6850R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



#### Sample:

Cerebellum (Mouse) Lysate at 40 ug  
Primary: Anti-TPST1 (bs-6850R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 41 kD  
Observed band size: 51 kD