

## Rabbit TPST1 Polyclonal Antibody | anti-TPST1 antibody

TPST1 Antibody (C-term)

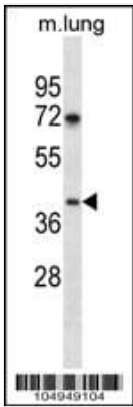
| CATALOG # | HOST   | REACTIVITY                               | APPLICATIONS        |
|-----------|--------|------------------------------------------|---------------------|
| AAA286128 | Rabbit | Human, mouse (Predicted Reactivity: Rat) | ELISA, Western Blot |

### PRODUCT SYNONYMS

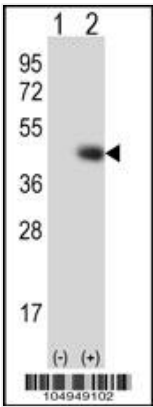
TPST1; Polyclonal Antibody; TPST1 Antibody (C-term); Protein-tyrosine sulfotransferase 1; Tyrosylprotein sulfotransferase 1; TPST-1; anti-TPST1 antibody

### PRODUCT SPECIFICATIONS

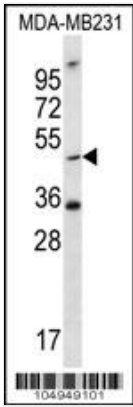
|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human, mouse (Predicted Reactivity: Rat)                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This TPST1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 336-366 amino acids from the C-terminal region of human TPST1.       |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 336-366                                                                                                                                                                      |
| Sequence Length                                 | 370                                                                                                                                                                          |
| Applicable Applications for anti-TPST1 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**WB (Western Blot)**  
TPST1 Antibody (K351) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the TPST1 antibody detected the TPST1 protein (arrow).



**WB (Western Blot)**  
Western blot analysis of TPST1 (arrow) using rabbit polyclonal TPST1 Antibody (K351). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TPST1 gene.



**WB (Western Blot)**  
TPST1 Antibody (K351) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the TPST1 antibody detected the TPST1 protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TPST1 antibody | The ADP-ribosylation factor (Arf) family are highly conserved members of the Ras superfamily of regulatory GTP-binding proteins. Arf proteins participate in routing of intracellular proteins to and within the Golgi complex. Cellular functions include maintenance of organelle integrity, coat protein assembly, as an activator of phospholipase D. The Arf family is divided functionally into the Arf and the Arf-like (Arl) proteins. The ARF proteins are categorized as class I (ARF1, ARF2,and ARF3), class II (ARF4 and ARF5) and class III (ARF6) and members of each class share a common gene organization. |
| Product Categories/Family for anti-TPST1 antibody   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| References                                          | Seibert, C., et al., Proc. Natl. Acad. Sci. U.S.A. 99(17):11031-11036 (2002).<br>Goettsch, S., et al., Biochem. Biophys. Res. Commun. 294(3):541-546 (2002).<br>Popovic, M., et al., Eur. J. Hum. Genet. 10(4):250-258 (2002).<br>Ouyang, Y.B., et al., J. Biol. Chem. 273(38):24770-24774 (1998).<br>Ouyang, Y., et al., Proc. Natl. Acad. Sci. U.S.A. 95(6):2896-2901 (1998).                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 4507665     |
| NCBI GeneID      | 8460        |
| NCBI Accession # | NP_003587.1 |

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_003596.3</a>                                              |
| UniProt Accession #              | <a href="#">O60507</a> ; <a href="#">Q6FGM7</a> ; <a href="#">A4D2M0</a> |
| Molecular Weight                 | 42188                                                                    |
| NCBI Official Full Name          | protein-tyrosine sulfotransferase 1                                      |
| NCBI Official Synonym Full Names | tyrosylprotein sulfotransferase 1                                        |
| NCBI Official Symbol             | TPST1                                                                    |
| NCBI Official Synonym Symbols    | TANGO13A                                                                 |
| NCBI Protein Information         | protein-tyrosine sulfotransferase 1                                      |
| UniProt Protein Name             | Protein-tyrosine sulfotransferase 1                                      |
| UniProt Gene Name                | <b>TPST1</b>                                                             |
| UniProt Synonym Gene Names       | TPST-1                                                                   |
| UniProt Entry Name               | TPST1_HUMAN                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tpst1-antibody-western-blot-elisa/286128>