

# TPST2 Rabbit pAb

Catalog # AP97287

## Product Information

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| <b>Application</b>             | IHC-P, IHC-F, IF, E                                                                                                                                                                                                                                                                                                     |
| <b>Primary Accession</b>       | <a href="#">O60704</a>                                                                                                                                                                                                                                                                                                  |
| <b>Other Accession</b>         | <a href="#">O60704</a>                                                                                                                                                                                                                                                                                                  |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                  |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                                                              |
| <b>Calculated MW</b>           | 41912                                                                                                                                                                                                                                                                                                                   |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human TPST2                                                                                                                                                                                                                                                               |
| <b>Epitope Specificity</b>     | 85-180/377                                                                                                                                                                                                                                                                                                              |
| <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>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> | The protein encoded by this gene catalyzes the O-sulfation of tyrosine residues within acidic regions of proteins. The encoded protein is a type II integral membrane protein found in the Golgi body. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]. |

## Additional Information

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| <b>Gene ID</b>     | 8459                                                                                                                                                                                                                                                                      |
| <b>Other Names</b> | TANGO13B; TPST-2; D5Ucla3; grm; grt; TPST2_HUMAN; TPST2; Tyrosylprotein sulfotransferase 2 (TPST-2); 2.8.2.20; TPST2_MOUSE; TPST2_RAT; tyrosylprotein sulfotransferase 2; transport and golgi organization 13 homolog B (Drosophila); protein-tyrosine sulfotransferase 2 |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000                                                                                                                                                                                                           |
| <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.                                                                           |

## Protein Information

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| <b>Name</b>     | TPST2                                                                  |
| <b>Function</b> | 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** Widely expressed.

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