

DESCRIPTION

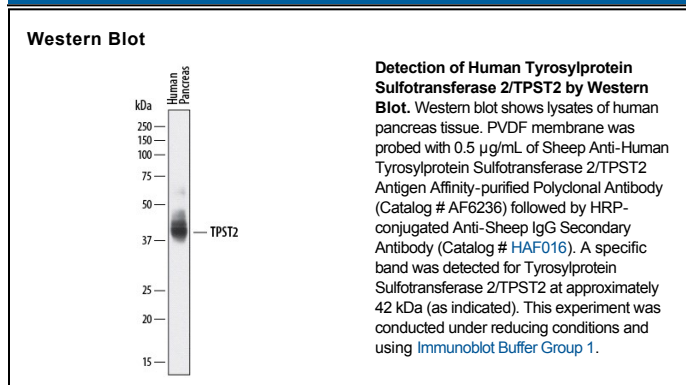
Species Reactivity	Human
Specificity	Detects human Tyrosylprotein Sulfotransferase 2/TPST2 in direct ELISAs and Western blots. In direct ELISAs, less than 7% cross-reactivity with recombinant human TPST1 is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Tyrosylprotein Sulfotransferase 2/TPST2 Gln26-Ser377 (predicted) Accession # O60704
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	0.5 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Human Tyrosylprotein Sulfotransferase 2 (TPST2) is a 42 kDa (predicted) member of a sulfotransferase family. Two human tyrosylprotein sulfotransferases (TPSTs), TPST1 and TPST2 mediate tyrosine O-sulfation of more than 60 different proteins in the Golgi, transferring sulfate from 3'-phosphoadenosine 5'-phosphosulfate to tyrosine residues contained in polypeptides with acidic motifs to form a tyrosine O-sulfate ester. TPST1 and TPST2 are widely expressed, they show similar tissue distribution and overlapping substrate specificity.