

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 recominant human Tyrosylprotein Sulfotransferase 2/TPST2 Gln26-Ser377 (predicted) Accession # O60704
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

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. TSPT1 and TSPT2 are widely expressed, they show similar tissue distribution and overlapping substrate specificity.

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