

## TPST1 Antibody

Catalog No: #40262

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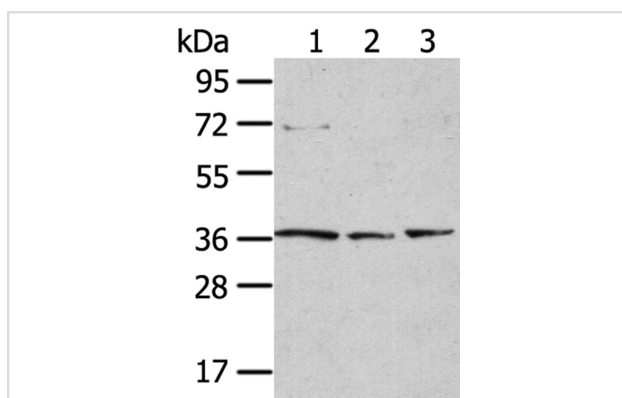
## Description

Product Name	TPST1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TPST1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human tyrosylprotein sulfotransferase 1
Target Name	TPST1
Other Names	TANGO13A
Accession No.	Swiss-Prot:O60507 Gene Accssion:NP_003587
Uniprot	O60507
GeneID	8460;
SDS-PAGE MW	42KD
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

## Images



Gel: 8%SDS-PAGE

Lysates (from left to right): 231, 293T and lovo cell

Amount of lysate: 40ug per lane

Primary antibody: 1/200 dilution

Secondary antibody dilution: 1/8000

Exposure time: 2 minutes

## Background

The tyrosylprotein sulfotransferases TPST-1 and TPST-2 catalyze the sulfation of tyrosine residues within secreted and membrane-bound proteins, such as cell adhesion molecules, G-protein-coupled receptors, coagulation factors, serpins, extracellular matrix proteins, and hormones. Although both

TPST-1 and TPST-2 utilize 3'B—phosphoadenosine 5'B—phosphosulfate as their sulfate donor, they differ in their substrate specificity.?

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Note: This product is for in vitro research use only