

Datasheet for ABIN2773847
anti-TPST2 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	TPST2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPST2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TPST2
Sequence:	KAIEVMYAQC MEVGKEKCLP VYEQVLVHP RRSLKLILDF LGIAWSDAVL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TPST2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TPST2
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Target Details

Alternative Name:	TPST2 (TPST2 Products)
Background:	<p>TPST2 catalyzes the O-sulfation of tyrosine residues within acidic regions of proteins. TPST2 is a type II integral membrane protein found in the Golgi body. 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.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: CMKLR1, CCR8, CCR2, CCR1, SELPLG, GPR1,</p> <p>Protein Size: 377</p>
Molecular Weight:	42 kDa
Gene ID:	8459
NCBI Accession:	NM_001008566 , NP_001008566
UniProt:	O60704

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 377 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

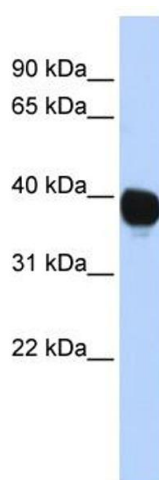
Handling

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Ten Kate, Platteel, Mulder, Terpstra, Nicolaes, Reitsma, van der Steege, van der Meer: "PROS1 analysis in 87 pedigrees with hereditary protein S deficiency demonstrates striking genotype-phenotype associations." in: **Human mutation**, Vol. 29, Issue 7, pp. 939-47, (2008) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TPST2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate