

Datasheet for ABIN650705
anti-TPST1 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	TPST1
Binding Specificity:	AA 336-366, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPST1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TPST1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 336-366 amino acids from the C-terminal region of human TPST1.
Clone:	RB4949
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TPST1
Alternative Name:	TPST1 (TPST1 Products)

Target Details

Background: The ADP-ribosylation factor (Arf) family are highly conserved members of the Ras superfamily of regulatory GTP-binding proteins. Arf proteins participate in routing of intracellular proteins to and within the Golgi complex. Cellular functions include maintenance of organelle integrity, coat protein assembly, as an activator of phospholipase D. The Arf family is divided functionally into the Arf and the Arf-like (Arl) proteins. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6) and members of each class share a common gene organization.

Molecular Weight: 42188

Gene ID: 8460

NCBI Accession: [NP_003587](#)

UniProt: [O60507](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

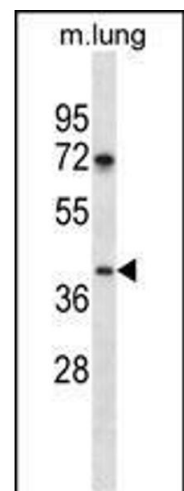
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

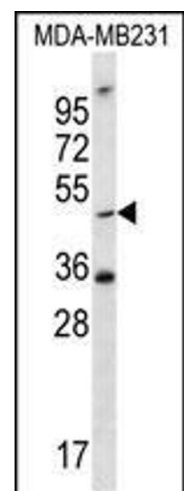
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



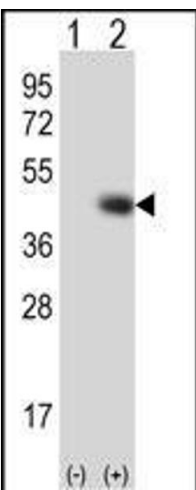
Western Blotting

Image 1. TPST1 Antibody (ABIN650705 and ABIN2839242) western blot analysis in mouse lung tissue lysates (35 μ g/lane). This demonstrates the TPST1 antibody detected the TPST1 protein (arrow).



Western Blotting

Image 2. TPST1 Antibody (ABIN650705 and ABIN2839242) western blot analysis in MDA-M cell line lysates (35 μ g/lane). This demonstrates the TPST1 antibody detected the TPST1 protein (arrow).



Western Blotting

Image 3. Western blot analysis of TPST1 (arrow) using rabbit polyclonal TPST1 Antibody (ABIN650705 and ABIN2839242). 293 cell lysates (2 μ g/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TPST1 gene.